

V 4.1



Product Catalogue

ОКAGROUP



PART OF THE SOLUTION
FOR YOUR PROJECTS

EXPERAS[®]
CONSTRUCTION CHEMICALS

**PRODUCES GOOD IDEAS,
PERFECT SOLUTIONS!**

TO THE FUTURE WITH CONFIDENCE...

GÜVEN MADENCİLİK A.Ş., which was established in 1990 to operate in the field of contracting works, is OKKA GROUP's second important investment in the construction sector.

Since 2003, OKYAP A.Ş. has been processing "pumice mineral" in its own quarries in Kula and its surroundings in order to meet the raw material needs of the production and the demands of the market.

GÜVEN MADENCİLİK A.Ş., which has expanded its field of activity by entering the national market with the production of "construction chemicals" as of 2010, has started to produce completely natural, fireproof interior and exterior insulation plasters, screeds and cement-based construction chemicals, defined as "new generation".

"Environmentally friendly" products produced by GÜVEN MADENCİLİK A.Ş., which is at the forefront of the competition in the field of construction chemicals, have made a significant contribution to reducing the project cost and achieving the targeted quality.

By continuously working with its professional R&D team in order to reflect its knowledge and experience in the field of construction chemicals at the highest level and to develop and improve more efficient, higher quality and more economical products, GÜVEN MADENCİLİK AŞ created the Experas brand, which is the fruit of all these efforts, and started to produce product solutions for the needs of the construction industry in its own production facilities.

The success of the Experas brand in reflecting its understanding of quality has been achieved through the logic based on the "Quality Assurance System" and the effort to produce perfect products/services.

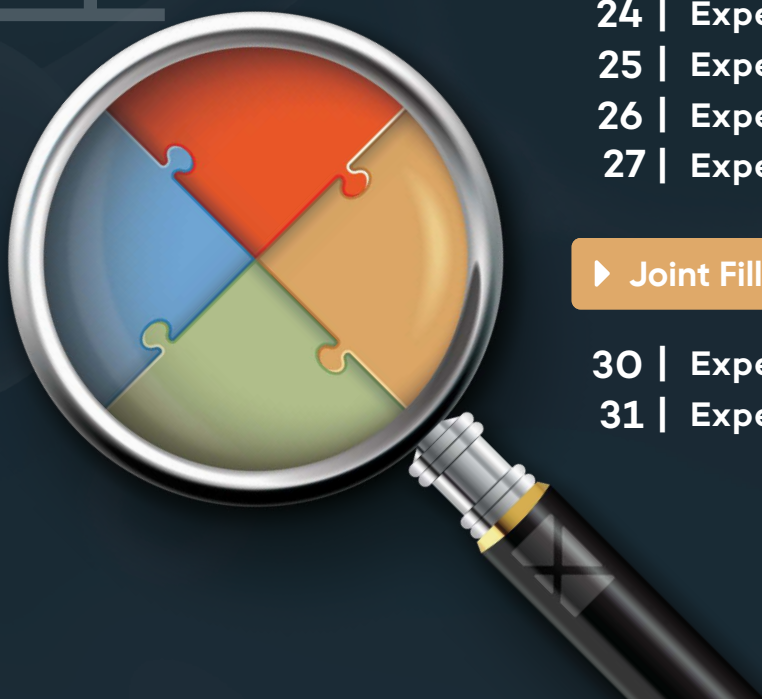
Experas Construction Chemicals will continue to offer perfect products and services to its customers in line with its goals in order to achieve a competitive position in domestic and international markets. This effort will further consolidate Experas' success as a highly preferable brand recognized both locally and globally.



OKKAGROUP

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Why **Experas** ?

Increase Productivity, Achieve Success

You can benefit from Experas' expertise on your path to success in your projects with specially formulated product solutions that maximize efficiency in applications such as water, heat and sound insulation, ceramic applications, plastering and masonry mortars, repair and structural technical mortars, floor systems, curing, concrete and mortar additives.





Waterproofing Materials

For a perfect and reliable waterproofing solution, prevent leaks and protect your structures with superior Experas waterproofing materials.



ExperProof BT 40

COLOR OPTIONS: Brown before drying,
black after drying

20

±%2 KG



**MODIFIED BITUMEN-RUBBER BASED, WATERBORNE,
SINGLE COMPONENT, WITH CRACK BRIDGING FEATURES,
HIGHLY FLEXIBLE LIQUID WATERPROOFING MATERIAL**

Modified Bitumen-Rubber based, waterborne, single component, ready to use, with crack bridging features, highly flexible liquid waterproofing material.

APPLICATION AREAS

Used as waterproofing material:

- Indoors and outdoors,
- On horizontal and vertical surfaces,
- On mineral based surfaces such as concrete, plaster, screed etc,
- Against ground dampness, leaking water and unpressurized groundwater in foundations, curtain walls, wet areas and balconies of buildings,
- Under coating in terrace waterproofing applications,
- Bonding of thermal insulation boards to bituminous membranes,
- In waterproofing applications of wet floors such as kitchen, bathroom etc.,
- In the external waterproofing of water tanks.

SURFACE AND APPLICATION CONDITIONS

- If the surface is concrete, it must be cured and the moisture content of the concrete must not exceed 4%.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.
- Air temperature should be between +5°C and +35°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, rust, paint, oil and similar substances that will reduce adherence.
- Damaged parts, unstable surfaces and cracks should be repaired with the appropriate ExperRepair product.
- Inner edges and corners should be chamfered with ExperRepair structural repair mortars, outer edges and corners should be rounded mechanically.
- The prepared surface should be primed with ExperPrime BP 40 primer and made ready for waterproofing application.

PREPARATION OF MIXTURE

- ExperProof BT 40 is ready to use. No additives or diluents are required.
- It should be stirred before and during application.



HIGH
ELASTIC



HIGH CRACK
BRIDGING



HIGH
BONDING

TECHNICAL SPECIFICATIONS

Chemical Structure	Polymer modified bitumen with rubber additives
Density	1,10 (± 0,05) gr/cm ³
Solid Content	~ %62
Full Curing Time	2-5 days
Water Impermeability	Class W2A
Crack Bridging	CB2 (≥2 mm)
Resistance To Rain	Class R1
Resistance To Compression	Class C2A
Fire Response	Class E
Consumption	1,50 kg/m ² (for 1 mm thickness)

* All technical values are calculated at +23°C and 55% relative humidity.
Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- ExperProof BT 40 is applied to the surface with roller brush, trowel, brush or airless spraying machine (spray).
- Ensure that the surface is completely covered and a non-porous coat is formed.
- Apply at least two coats.
- For large areas, it is recommended to use ExperBrace RM 12 waterproofing mesh between the layers as it increases the reinforcing features of the waterproofing system.
- The waiting time between layers is 4-6 hours. Make sure that the first coat is completely dry before applying the second coat.
- It is recommended to apply surface smoothing with a roller immediately after spray application as it will ensure proper adhesion conditions.

WARNINGS

- Do not apply in weather conditions below +5°C, above +35°C, in rainy and/or windy weather.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.
- Do not add water or any other substance externally.
- After application, the surface should be protected against water, rain, dew, snow, hail, etc. until it is completely dry.
- The applied surface should be covered and protected against external conditions within 3 days.
- In foundation curtain wall waterproofing applications, soil filling should not be done without protection after the application.
- After spray applications, the product in the machine installation should be cleaned before it sets.
- ExperProof BT 40 is not suitable for waterproofing applications of drinking water tanks and swimming pools.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a dry environment, protected from frost, between +10°C and +30°C. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production. Since products in opened packages will freeze in a short time, they should not be stored again and should be consumed.

REFERENCE STANDARDS: TS EN 15814



ExperProof BT 41

COLOR OPTIONS: Component A: Brown before drying, black after drying - Component B: Grey | Set: Black after application

32
±%2 KG

Component A:
24 kg/plastic bucket
Component B:
8 kg/plastic bag
Set (A+B): 32 kg/set



MODIFIED BITUMEN-RUBBER AND CEMENT BASED, WATERBORNE, TWO-COMPONENT, WITH CRACK BRIDGING FEATURES, HIGHLY FLEXIBLE LIQUID WATERPROOFING MATERIAL

Modified Bitumen-Rubber and Cement based, waterborne, two-component, ready to use, with crack bridging features, highly flexible liquid waterproofing material

APPLICATION AREAS

Used as waterproofing material:

- Indoors and outdoors,
- On horizontal and vertical surfaces,
- On mineral based surfaces such as concrete, plaster, screed etc,
- Against ground dampness, leaking water and unpressurized groundwater in foundations, curtain walls, wet areas and balconies of buildings,
- Undercoating waterproofing material in roofing applications,
- Bonding of thermal insulation boards to bituminous membranes,
- In waterproofing applications of wet floors such as kitchen, bathroom etc.,
- In the external waterproofing of water tanks.

SURFACE AND APPLICATION CONDITIONS

- If the surface is concrete, it must be cured and the moisture content of the concrete must not exceed 4%.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.
- Air temperature should be between +5°C and +35°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, rust, paint, oil and similar substances that will reduce adherence.
- Damaged parts, unstable surfaces and cracks should be repaired with the appropriate ExperRepair product.
- Inner edges and corners should be chamfered with ExperRepair structural repair mortars, outer edges and corners should be rounded mechanically.
- The prepared surface should be primed with ExperPrime BP 40 primer and made ready for waterproofing application.

PREPARATION OF MIXTURE

- Before mixing, make sure that the material temperatures are between +10°C and +30°C.
- Add component B (powder) to component A and mix with a low speed mixer until a homogeneous mixture is obtained.
- No external substances should be added to the mixture during mixing or application.



**HIGH
BONDING**



**HIGH CRACK
BRIDGING**



**VERY HIGH
FLEXIBILITY**

TECHNICAL SPECIFICATIONS

Chemical Structure	Component A: Polymer modified bitumen with rubber additives Component B: Cement based fine powder
Mixture Density	1,20 (± 0,05) gr/cm ³ (A+B)
Solid Content	A: ~ %62 – A+B: ~ %72
Pot Life	2 hours
Drying Time	3 hours
Full Curing Time	1-5 days
Water Impermeability	Class W2A
Crack Bridging	CB2 (≥2 mm)
Resistance To Rain	Class R1
Resistance To Compression	Class C2A
Fire Response	Class E
Consumption	1,5 kg/m ² (for 1 mm thickness)

* All technical values are calculated at +23°C and 55% relative humidity.
Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- ExperProof BT 41 is applied to the surface with a roller brush, trowel, brush or airless spraying machine (spray).
- Ensure that the surface is completely covered and a non-porous coat is formed.
- Apply at least two coats.
- For large areas, it is recommended to use ExperBrace RM 12 waterproofing mesh between the layers as it increases the reinforcing features of the waterproofing system.
- The waiting time between layers is 4-6 hours. Make sure that the first coat is completely dry before applying the second coat.
- It is recommended to apply surface smoothing with a roller immediately after spray application as it will ensure proper adhesion conditions.

WARNINGS

- Do not apply in weather conditions below +5°C above +35°C, in rainy and/or windy weather.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.
- Do not add water or any other substance externally.
- After application, the surface should be protected against water, rain, dew, snow, hail, etc. until it is completely dry.
- The applied surface should be covered and protected against external conditions within 3 days.
- In foundation curtain wall waterproofing applications, soil filling should not be done without protection after the application.
- After spray applications, the product in the machine installation should be cleaned before it sets.
- ExperProof BT 41 is not suitable for waterproofing applications of drinking water tanks and swimming pools.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a dry environment, protected from frost, between +10°C and +30°C. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production. Since products in opened packages will freeze in a short time; they should not be stored again and should be consumed.

REFERENCE STANDARDS: TS EN 15814



ExperProof BT 50

COLOR OPTIONS: Brown before drying,
black after drying

20
±%2 KG



MODIFIED BITUMEN-RUBBER BASED, WATERBORNE, SINGLE COMPONENT, ELASTIC LIQUID WATERPROOFING MATERIAL

Modified Bitumen-Rubber based, waterborne, single component,
ready to use, elastic liquid waterproofing material.

APPLICATION AREAS

Used as waterproofing material:

- Indoors and outdoors,
- On horizontal and vertical surfaces,
- On mineral based surfaces such as concrete, plaster, screed etc,
- Against ground dampness, leaking water and unpressurized groundwater in foundations, curtain walls, wet areas and balconies of buildings,
- Under coating in terrace waterproofing applications,
- Bonding of thermal insulation boards to bituminous membranes,
- In waterproofing applications of wet floors such as kitchen, bathroom etc.,
- In the external waterproofing of water tanks.

SURFACE AND APPLICATION CONDITIONS

- If the surface is concrete, it must be cured and the moisture content of the concrete must not exceed 4%.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.
- Air temperature should be between +5°C and +35°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, rust, paint, oil and similar substances that will reduce adherence.
- Damaged parts, unstable surfaces and cracks should be repaired with the appropriate ExperRepair product.
- Inner edges and corners should be chamfered with ExperRepair structural repair mortars, outer edges and corners should be rounded mechanically.
- The prepared surface should be primed with ExperPrime BP 40 primer and made ready for waterproofing application.

PREPARATION OF MIXTURE

- ExperProof BT 50 is ready to use. No additives or diluents are required.
- It should be stirred before and during application.



WATERBORNE



HIGH
FLEXIBILITY



HIGH
BONDING

TECHNICAL SPECIFICATIONS

Chemical Structure	Polymer modified bitumen with rubber additives
Density	1,15 (± 0,05) gr/cm³
Solid Content	~ %62
Full Curing Time	2-5 days
Water Impermeability	Class W1
Crack Bridging	CB1 (≥1 mm)
Resistance To Rain	Class R1
Resistance To Compression	Class C1
Fire Response	Class E
Consumption	1,50 kg/m² (for 1 mm thickness)

* All technical values are calculated at +23°C and 55% relative humidity.
Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- ExperProof BT 50 is applied to the surface with roller brush, trowel, brush or airless spraying machine (spray).
- Ensure that the surface is completely covered and a non-porous coat is formed.
- Apply at least two coats.
- For large areas, it is recommended to use ExperBrace RM 12 waterproofing mesh between the layers as it increases the reinforcing features of the waterproofing system.
- The waiting time between layers is 4-6 hours. Make sure that the first coat is completely dry before applying the second coat.
- It is recommended to apply surface smoothing with a roller immediately after spray application as it will ensure proper adhesion conditions.

WARNINGS

- Do not apply in weather conditions below +5°C, above +35°C, in rainy and/or windy weather.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.
- Do not add water or any other substance externally.
- After application, the surface should be protected against water, rain, dew, snow, hail, etc. until it is completely dry.
- The applied surface should be covered and protected against external conditions within 3 days.
- In foundation curtain wall waterproofing applications, soil filling should not be done without protection after the application.
- After spray applications, the product in the machine installation should be cleaned before it sets.
- ExperProof BT 50 is not suitable for waterproofing applications of drinking water tanks and swimming pools.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a dry environment, protected from frost, between +10°C and +30°C. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production. Since products in opened packages will freeze in a short time, they should not be stored again and should be consumed.

REFERENCE STANDARDS: TS EN 15814



ExperProof BT 51

COLOR OPTIONS: Component A: Brown before drying, black after drying
Component B: Grey |Set: Black after application

32
±%2 KG

Component A:
24 kg/plastic bucket
Component B:
8 kg/plastic bag
Set (A+B): 32 kg/set



MODIFIED BITUMEN-RUBBER AND CEMENT BASED, WATERBORNE, TWO-COMPONENT, ELASTIC LIQUID WATERPROOFING MATERIAL

Modified Bitumen-Rubber and Cement based, waterborne, two-component, ready to use, elastic liquid waterproofing material.

APPLICATION AREAS

Used as waterproofing material:

- Indoors and outdoors,
- On horizontal and vertical surfaces,
- On mineral based surfaces such as concrete, plaster, screed etc,
- Against ground dampness, leaking water and unpressurized groundwater in foundations, curtain walls, wet areas and balconies of buildings,
- Undercoating waterproofing material in roofing applications,
- Bonding of thermal insulation boards to bituminous membranes,
- In waterproofing applications of wet floors such as kitchen, bathroom etc.,
- In the external waterproofing of water tanks.

SURFACE AND APPLICATION CONDITIONS

- If the surface is concrete, it must be cured and the moisture content of the concrete must not exceed 4%.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.
- Air temperature should be between +5°C and +35°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, rust, paint, oil and similar substances that will reduce adherence.
- Damaged parts, unstable surfaces and cracks should be repaired with the appropriate ExperRepair product.
- Inner edges and corners should be chamfered with ExperRepair structural repair mortars, outer edges and corners should be rounded mechanically.
- The prepared surface should be primed with ExperPrime BP 40 primer and made ready for waterproofing application.

PREPARATION OF MIXTURE

- Before mixing, make sure that the material temperatures are between +10°C and +30°C.
- Add component B (powder) to component A and mix with a low speed mixer until a homogeneous mixture is obtained.
- No external substances should be added to the mixture during mixing or application.



WATERBORNE



HIGH
FLEXIBILITY



HIGH
BONDING

TECHNICAL SPECIFICATIONS

Chemical Structure	Component A: Polymer modified bitumen with rubber additives Component B: Cement based fine powder
Mixture Density	1,20 (± 0,05) gr/cm ³ (A+B)
Solid Content	A: ~ %62 – A+B: ~ %71
Pot Life	2 hours
Drying Time	3 hours
Full Curing Time	1-5 days
Water Impermeability	Class W1
Crack Bridging	CB1 (≥1 mm)
Resistance To Rain	Class R1
Resistance To Compression	Class C1
Fire Response	Class E
Consumption	1,5 kg/m ² (for 1 mm thickness)

* All technical values are calculated at +23°C and 55% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- ExperProof BT 51 is applied to the surface with a roller brush, trowel, brush or airless spraying machine (spray).
- Ensure that the surface is completely covered and a non-porous coat is formed.
- Apply at least two coats.
- For large areas, it is recommended to use ExperBrace RM 12 waterproofing mesh between the layers as it increases the reinforcing features of the waterproofing system.
- The waiting time between layers is 4-6 hours. Make sure that the first coat is completely dry before applying the second coat.
- It is recommended to apply surface smoothing with a roller immediately after spray application as it will ensure proper adhesion conditions.

WARNINGS

- Do not apply in weather conditions below +5°C above +35°C, in rainy and/or windy weather.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.
- Do not add water or any other substance externally.
- After application, the surface should be protected against water, rain, dew, snow, hail, etc. until it is completely dry.
- The applied surface should be covered and protected against external conditions within 3 days.
- In foundation curtain wall waterproofing applications, soil filling should not be done without protection after the application.
- After spray applications, the product in the machine installation should be cleaned before it sets.
- ExperProof BT 51 is not suitable for waterproofing applications of drinking water tanks and swimming pools.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a dry environment, protected from frost, between +10°C and +30°C. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production. Since products in opened packages will freeze in a short time; they should not be stored again and should be consumed.

REFERENCE STANDARDS: TS EN 15814



ExperPrime BP 40

COLOR OPTIONS: Dark Brown

15

±%2 KG



WATERBORNE



PROVIDES
HIGH BONDING



EASY TO
APPLY

TECHNICAL SPECIFICATIONS

Chemical Structure	Bitumen emulsion
Mixture Density	1,00 (± 0,10) kg/lit (± 0,01)
Viscosity	20 d.Pa.s
Solid Content	~ %20-25
pH	11,5-12,25
Full Curing Time	2-12 hours
Consumption	300-500 g/m ² (for single layer)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

BITUMEN BASED, SINGLE COMPONENT WATERPROOFING PRIMER

Bitumen emulsion based, single component waterproofing primer.

APPLICATION AREAS

- Indoors and outdoors,
- On horizontal and vertical surfaces,
- Prior to bitumen based liquid or membrane type waterproofing applications to be applied on the foundation, curtain wall, basement, cellar, wet areas, terrace, balcony etc. surfaces of buildings.

SURFACE AND APPLICATION CONDITIONS

- If the application surface is concrete, the compressive strength of the surface must be at least 25 N/mm² and the (pull off) strength of the ground concrete must be at least 2,0 N/mm².
- The floor concrete must be cured and the moisture content of the concrete must not exceed 4%.
- The floor temperature must be not less than +8°C and at least +3°C above the condensation point.
- Air temperature should be between +5°C and +35°C during application.
- Relative humidity should not be more than 80% and surface temperature should be between +8°C and +35°C.
- Do not apply on wet, high humidity, frozen surfaces.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence. Eyelet gaps should be filled. Oil-soaked surfaces should be cleaned with chemical cleaning agents and then the surface should be cleaned once more with a water jet. Any puddles remaining on the surface should be removed with vacuum cleaners.
- Damaged parts, unstable surfaces and cracks should be repaired with the appropriate ExperRepair product.
- Corner turns should be chamfered appropriately.
- If applicable, seal dilatation grouts and cold grouts with ExperBrace DT 11 and ExperRepair EG 21.

PREPARATION OF MIXTURE

- ExperPrime BP 40 primer is ready to use. It is not diluted with water or any additives.
- Before application, it is mixed with a low speed mixer for a short time and made ready for use.

APPLICATION DETAILS

- After the mixture is completed, ExperPrime BP 40 is applied to the surface with a roller brush or brush.
- Ensure that the surface is completely covered and a non-porous coat is formed.
- Two coats should be applied if necessary.
- In two coat applications, the first coat should be allowed to dry completely before applying the second coat.

WARNINGS

- Do not apply in weather conditions below +5°C above +35°C, in rainy and/or windy weather.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.
- After application, the surface should be protected against water, rain, dew, snow, hail and similar for 24 hours.
- ExperPrime BP 40 is not suitable for sealing applications in drinking water tanks, food tanks and swimming pools.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a dry environment, protected from frost, between +5°C and +30°C. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

ExperProof BP 31

COLOR OPTIONS: Black

30
±%2 KG

A: 15 kg/metal bucket
B: 15 kg/metal bucket
Set: (A+B): 30 kg/set



BITUMEN-POLYURETHANE BASED, TWO-COMPONENT, LIQUID, WATERPROOFING MATERIAL

Bitumen-Polyurethane based, two-component, fast curing, high elastic, liquid waterproofing material.

APPLICATION AREAS

Used as waterproofing material:

- In areas that will not be exposed to direct UV rays,
- On horizontal and vertical surfaces,
- Terrace, roof, balcony, veranda and rain gutters,
- Concrete, wood and metal surfaces (with suitable primers)
- Waterproofing applications of foundation curtain and retaining walls,
- In wet areas under ceramic tiles such as bathrooms and kitchens.

SURFACE AND APPLICATION CONDITIONS

- The floor concrete must be cured and the moisture content of the concrete must not exceed 4%.
- Surface hardness of the concrete to be applied: R28 = 15 Mpa.
- Air temperature should be between +5°C and +35°C during application.
- Relative humidity should not be more than 80%.
- The floor temperature must be at least +3°C above the condensation point.
- Do not apply on wet, high humidity or frozen surfaces.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence. Eyelet gaps should be filled. Oil-soaked surfaces should be cleaned with chemical cleaning agents.
- Damaged parts, unstable surfaces and cracks should be repaired with appropriate products.
- The prepared surface should be primed with an appropriate ExperPrime primer and made ready for waterproofing application.

PREPARATION OF MIXTURE

- Make sure that the material temperature is not lower than +15°C before mixing.
- Component A is mixed with a low speed (300-400 rpm) mixer for a reasonable time until it becomes homogeneous.
- Component B is then added to Component A and mixed with a low speed mixer (300-400 rpm) until a homogeneous mixture is obtained (at least 3 minutes).
- In order to prevent possible mixing errors, the final mixture is placed in a clean and suitable container and mixed for the last time at low speed for a short time and then made ready for use.
- Mixing for too long and at high speed should be avoided to minimize air entrainment.
- Do not add solvent, thinner etc. into the mixture during application.



EXCELLENT
ADHERENCE



FLEXIBLE



PERMEABLE TO
WATER VAPOR

TECHNICAL SPECIFICATIONS

Chemical Structure	Component A: Polyurethane Component B: Polymerized Bitumen
Viscosity	A: 3.000-5.000 cP, B: 2.000-4.000 cP (ASTM D2196 - 86/TS 5833/EN ISO 3219)
Specific Gravity	A: 0,95 g/cm ³ B: 1,05 gr/cm ³ (±0,05) (ASTM D792)
Shore A Hardness	7 days: 30-40 (ASTM D2240-05)
Solid Content	85-90% (ASTM D2369)
Bond Strength	>2 MPa (ASTM D4541)
Elongation at Break	>1500% (ASTM D638)
Tensile Strength	>2,5 N/mm ² (ASTM D412)
Mechanical Strength	5 days
Working Time	40-50 minutes
Touch Duration	2-3 hours
Flashing Point	A: >30°C, B: >59°C (ASTM D93)
Volatile Organic Compound	100-150 g/L (ASTM D3960)
Consumption	1,50-2,00 kg/m ² (at least two coats)

* All technical values are calculated at +23°C and 50% relative humidity.
Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The mixed ExperProof BP 31 is applied homogeneously on the surface with a roller brush, trowel, brush or airless sprayer. Ensure that the surface is completely covered and a non-porous coat is formed.
- Waiting time between layers is minimum 4 hours and maximum 24 hours at +23°C. Waiting time between layers may be shorter or longer depending on weather conditions. If more than 24 hours have elapsed, the primer surface should be roughened with grinder before applying new coats.

WARNINGS

- Since it contains solvents, it should not be applied in closed areas or the environment should be well ventilated. Further, it is combustible. Do not approach with open flame, cigarette etc. during application.
- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Products prepared for application must be stored at +15°C for at least 24 hours before application.
- If negative water vapor pressure is detected on the application surface, a special waterproofing application should be made accordingly before application.
- After application, the surface should be protected against water, rain, dew, snow, hail, etc. until it is completely dry.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a dry environment, protected from frost, between +10°C and +25°C. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production. Since products in opened packages will freeze in a short time, they should not be stored again and should be consumed.

REFERANS STANDARTLARI: TS EN 1504-2

ExperProof AC 50

COLOR OPTIONS: White

20
±%2 KG

Packaging Options
20 kg/plastic bucket
5 kg/plastic bucket



ELASTOMERIC RESIN BASED, SINGLE COMPONENT, UV RESISTANT, LIQUID WATERPROOFING MATERIAL

Elastomeric resin based, single component, UV resistant, elastic, ready to use waterproofing material.

APPLICATION AREAS

Used as waterproofing material:

- Indoors and outdoors,
- On horizontal and vertical surfaces,
- Mineral based surfaces, zinc, aluminum, sheet metal surfaces,
- Flat and pitched roofs, gutters, chimneys and parapet edges,
- Terraces and balconies,
- In waterproofing applications of wet floors such as kitchen, bathroom etc.

SURFACE AND APPLICATION CONDITIONS

- If the surface is concrete, it must be cured and the moisture content of the concrete must not exceed 4%.
- Do not apply on wet, high humidity, frozen surfaces or surfaces at risk of freezing within 24 hours, in direct sunlight and high wind conditions.
- Air temperature should be between +10°C and +35°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, rust, paint, oil and similar substances that will reduce adherence.
- Damaged parts, unstable surfaces and cracks should be repaired with the appropriate ExperRepair product.

PREPERATION OF MIXTURE

- ExperProof AC 50 is ready to use. No additives or diluents are required.
- It should be stirred before and during application.



READY TO
USE



UV
RESISTANT



HIGH
FLEXIBILITY

TECHNICAL SPECIFICATIONS

Chemical Structure	Elastomeric resin
Density	1,40 g/cm ³ (±0,1)
Bond Strength	≥1,0 N/mm ²
Elongation at Break	≥%400
Capillary Water Absorption	≤0,1 kg/m ² h ^{0,5}
Crack Bridging (+20°C)	≥2 mm
Crack Bridging (-5°C)	≥1 mm
Touch Time	2 hours
Drying Time	48 hours
Time to Gain Mechanical Strength	7 days
Consumption	1,50-2,00 kg/m ² (for 1 mm thickness)

* All technical values are calculated at +23°C and 55% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- ExperProof AC 50 is applied to the surface with a brush, roller brush or airless spraying machine (spray).
- Ensure that the surface is completely covered and a non-porous coat is formed.
- Apply at least two coats. The direction of the application layers should be perpendicular to each other.
- Corners and edges should be supported by applying ExperBrace WT 10 after the first coat.
- It is recommended to use ExperBrace RM 12 waterproofing mesh between layers against water pressure or in the case of walkable roofs, as it increases the load-bearing features of the waterproofing system.
- The waiting time between layers is 6 hours.

WARNINGS

- Do not apply in weather conditions below +5°C, above +35°C, in rainy and/or windy weather.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.
- Do not add water or any other substance externally.
- After application, the surface should be protected against water, rain, dew, snow, hail, etc. until it is completely dry.
- ExperProof AC 50 is not applied against negative directional water pressure.
- ExperProof AC 50 is not suitable for water tanks, swimming pools and foundation waterproofing under constant water pressure.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a dry environment, protected from frost, between +10°C and +30°C. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production. Since products in opened packages will freeze in a short time; they should not be stored again and should be consumed.

REFERENCE STANDARDS: TS EN 14891 / DMO1P Class



ExperProof CA 60

COLOR OPTIONS: Component A: Grey
Component B: White



Component A: 15 kg/kraft bag
Component B: 15 kg/drum
Set (A+B): 30 kg/set



CEMENT AND ACRYLIC BASED, TWO-COMPONENT, SUPER ELASTIC, WATERPROOFING MATERIAL

Cement and Acrylic based, two component, super elastic, waterproofing material, resistant to negative and positive water pressure.

APPLICATION AREAS

Used as waterproofing material:

- Indoors and outdoors,
- Horizontal and vertical applications,
- On mineral-based surfaces,
- Against positive and negative water pressure in foundation, curtain and basement floors of all structures,
- Under ceramic applications of terraces, balconies, water tanks, swimming pools, water channels and wet areas,
- In waterproofing of foundation, curtain, retaining walls and basements, elevator shafts.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are static cracks or damage on the surface that may affect the application, they should be repaired with ExperRepair mortar 24 hours before application.
- Dynamic (moving) cracks should be sealed with ExperSeal HP 35 or Experseal PU 40 sealants.
- Steep corners should be chamfered appropriately.

PREPARATION OF MIXTURE

- 15 kg of liquid component B is placed in a clean bowl. Then 15 kg of powder component A is slowly added to component B and mixed with a low speed mixer (400-600 rpm) until a homogeneous and lump-free mixture is obtained.
- Allow the mixture to rest for 2-3 minutes, mix it again for a short while and make it ready for use.
- The powder component A must always be added to the liquid component B.



HIGH FLEXIBILITY



CRACK BRIDGING



APPLICABLE BOTH FOR NEGATIVE & POSITIVE WAY

TECHNICAL SPECIFICATIONS

Chemical Structure	Component A: Cement-based, Polymer-added powder- Component B: Elastomeric resin
Density	Component A: ~1,30 g/cm³ Component B: ~1,08 g/cm³
Mortar Density	1,70 g/cm³ (±0,1)
Mixture Ratio	15 kg liquid / 15 kg powder
Pot Life	60 minutes
Bond Strength	≥0,5 N/mm² (TS EN 14891)
Crack Bridging (+23°C)	≥2,5 mm (TS EN 14891)
Crack Bridging (-20°C)	≥1,5 mm (TS EN 14891)
Pressured Water Resistance (+)	≥5 bar (TS EN 14891)
Pressured Water Resistance (-)	≥2 bar (TS EN 14891)
Mechanical Strength Time	3 days
Water Impermeability Time	7 days
Coating Time	3 days
Consumption	2,50-3,00 kg/m² (for 2 mm application thickness)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The mixed material is applied to the surface in at least 2 coats with a brush, roller brush or trowel. The application of each layer should be perpendicular to the previous one.
- The waiting time between layers is at least 6 at most 12 hours. In case of waiting more than 12 hours for the application of the next coat, the surface should be moisturized again before application.
- It is recommended to use ExperBrace RM 12 waterproofing mesh between two layers. The use of mesh increases the reinforcing feature of the system.
- The mixture in the container should be consumed within 60 minutes and the mortar should not be used if this period is exceeded.
- Do not reuse mortar that is hardening or completely hardened by adding water to it.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- No water is added externally.
- Protect against impact and puncture until covered.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 14891/CMO2P Class

ExperProof CA 61

COLOR OPTIONS: Component A: Grey
Component B: White



Component A: 20 kg/kraft bag
Component B: 10 kg/drum
Set (A+B): 30 kg/set



CEMENT AND ACRYLIC BASED, TWO-COMPONENT, FULLY ELASTIC, WATERPROOFING MATERIAL

Cement and acrylic based, two-component, fully-elastic waterproofing material, resistant to positive water pressure.

APPLICATION AREAS

Used as waterproofing material:

- Indoors and outdoors,
- Horizontal and vertical applications,
- On mineral-based surfaces,
- Under ceramic applications of terraces, balconies, water tanks, swimming pools and wet areas
- In waterproofing of foundation, curtain, retaining walls and basement.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are static cracks or damage on the surface that may affect the application, they should be repaired with ExperRepair repair mortar 24 hours before application.
- Dynamic (moving) cracks should be sealed with ExperSeal HP 35 or Experseal PU 40 sealants.
- Steep corners should be chamfered appropriately.

PREPARATION OF MIXTURE

- 10 kg of liquid component B is placed in a clean bowl. Then 20 kg of powder component A is slowly added to component B and mixed with a low speed mixer (400-600 rpm) until a homogeneous and lump-free mixture is obtained.
- Allow the mixture to rest for 2-3 minutes, mix it again for a short while and make it ready for use.
- The powder component A must always be added to the liquid component B.



FULLY
ELASTIC



RESISTANT
TO MOISTURE
AND HUMIDITY

TECHNICAL SPECIFICATIONS

Chemical Structure	Component A: Cement-based, Polymer-added powder- Component B: Elastomeric resin
Density	Component A: ~1,45 g/cm ³ (±0,1) Component B: ~1,06 g/cm ³ (±0,1)
Mortar Density	1,70 g/mm ³ (±0,1)
Mixture Ratio	10 kg liquid / 20 kg powder
Pot Life	30 minutes
Bond Strength	≥0,5 N/mm ² (EN 14891)
Crack Bridging (-20 °C)	≥1,00 mm
Crack Bridging (+20 °C)	≥1,50 mm
Capillary Water Absorption	≤0,10 kg (m ² .h0,5) (EN 1062-3)
Pressured Water Resistance	5 bar pozitive (DIN 1048)
Full Drying Time	Minimum 48 hours
Mechanical Strength Time	3 days
Water Impermeability Time	7 days
Coating Time	3 days
Consumption	3,00-3,50 kg/m ² (for 2 mm application thickness)

* All technical values are calculated at +23°C and 50% relative humidity.
Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The mixed material is applied to the surface in at least 2 coats with a brush, roller brush or trowel. The application of each layer should be perpendicular to the previous one.
- The waiting time between the layers is at least 6 and at most 12 hours. In case of waiting more than 12 hours for the application of the next coat, the surface should be moisturized again before application.
- It is recommended to use ExperBrace RM 12 waterproofing mesh between two layers. The use of mesh increases the reinforcing feature of the system.
- The mixture in the container should be consumed within 30 minutes and the mortar should not be used if this period is exceeded.
- Do not reuse mortar that is hardening or completely hardened by adding water to it.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- No water is added externally.
- Protect against impact and puncture until covered.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 14891/CMO2P Class



ExperProof CA 62

COLOR OPTIONS: Component A: Grey
Component B: White



Component A: 20 kg/kraft bag
Component B: 6 kg/drum
Set (A+B): 26 kg/set



CEMENT AND ACRYLIC BASED, TWO-COMPONENT, SEMI-ELASTIC, WATERPROOFING MATERIAL

Cement and acrylic based, two-component, semi-elastic waterproofing material resistant to positive water pressure.

APPLICATION AREAS

Used as waterproofing material under ceramic tiles:

- Indoors and outdoors,
- Horizontal and vertical applications,
- In all buildings; especially in wet areas such as balconies, bathrooms, toilets and kitchens,
- On mineral-based surfaces.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are static cracks or damage on the surface that may affect the application, they should be repaired with ExperRepair repair mortar 24 hours before application.
- Dynamic (moving) cracks should be sealed with ExperSeal HP 35 or Experseal PU 40 sealants.
- Steep corners should be chamfered appropriately.

PREPARATION OF MIXTURE

- 6 kg of liquid component B is placed in a clean bowl. Then 20 kg of powder component A is slowly added to component B and mixed with a low speed mixer (400-600 rpm) until a homogeneous and lump-free mixture is obtained.
- Allow the mixture to rest for 2-3 minutes, mix it again for a short while and make it ready for use.
- The powder component A must always be added to the liquid component B.



HALF
FLEXIBILITY



PERMEABLE TO
WATER VAPOR

TECHNICAL SPECIFICATIONS

Chemical Structure	Component A: Cement-based, Polymer-added powder- Component B: Elastomeric resin
Density	Component A: ~ 1,40 g/cm ³ (±0,1) Component B: ~ 1,04 g/cm ³ (±0,1)
Mortar Density	1,80 g/mm ³ (±0,1)
Mixture Ratio	6 kg liquid / 20 kg powder
Pot Life	30 minutes
Bond Strength	≥1,0 N/mm ² (EN 14891)
Capillary Water Absorption	≤0,10 kg (m ² .h0,5) (EN 1062-3)
Full Drying Time	Minimum 48 hours
Mechanical Strength Time	3 days
Water Impermeability Time	7 days
Coating Time	3 days
Consumption	3,50-4,00 kg/m ² (for 2 mm application thickness)

* All technical values are calculated at +23°C and 50% relative humidity.
Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The mixed material is applied to the surface in at least 2 coats with brush, roller brush or trowel. The application of each layer should be perpendicular to the previous one.
- The waiting time between the layers is at least 6 and at most 12 hours. In case of waiting more than 12 hours for the application of the next coat, the surface should be moisturized again before application.
- The mixture in the container should be consumed within 30 minutes and the mortar should not be used if this period is exceeded.
- Do not reuse mortar that is hardening or completely hardened, by adding water to it.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- No water is added externally.
- Protect against impact and puncture until covered.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 14891/CMP Class



ExperProof CA 63

COLOR OPTIONS: Component A: White
Component B: White



Component A: 20 kg/kraft bag
Component B: 10 kg/drum
Set (A+B): 30 kg/set



WHITE CEMENT AND ACRYLIC BASED, TWO-COMPONENT, FULLY ELASTIC, UV RESISTANT, WATERPROOFING MATERIAL

White cement and acrylic based, two-component, fully elastic waterproofing material with improved UV resistance, resistant to positive water pressure.

APPLICATION AREAS

Used as waterproofing material:

- Indoors and outdoors,
- Horizontal and vertical applications,
- On mineral-based surfaces,
- Especially on walkable roofs, terraces and balconies,
- Under ceramic applications of water tanks, swimming pools and wet areas,
- In waterproofing of foundation, curtain, retaining walls and basement.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are static cracks or damage on the surface that may affect the application, should be repaired with ExperRepair mortar 24 hours before application.
- Dynamic (moving) cracks should be sealed with ExperSeal HP 35 or Experseal PU 40 sealants.
- Steep corners should be chamfered appropriately.

PREPARATION OF MIXTURE

- 10 kg of liquid component B is placed in a clean bowl. Then 20 kg of powder component A is slowly added to component B and mixed with a low speed mixer (400-600 rpm) until a homogeneous and lump-free mixture is obtained.
- Allow the mixture to rest for 2-3 minutes, mix it again for a short while and make it ready for use.
- The powder component A must always be added to the liquid component B.



UV
RESISTANT



FULLY
ELASTIC



PERMEABLE TO
WATER VAPOR

TECHNICAL SPECIFICATIONS

Chemical Structure	Component A: White cement-based, Polymer-added powder- Component B: Elastomeric resin
Density	Component A: ~ 1,45 g/cm³ (±0,1) Component B: ~ 1,08 g/cm³ (±0,1)
Mortar Density	1,75 g/mm³ (±0,1)
Mixture Ratio	10 kg liquid / 20 kg powder
Pot Life	30 minutes
Bond Strength	≥0,5 N/mm²
Crack Bridging (-20 °C)	≥1,00 mm
Crack Bridging (+20 °C)	≥1,50 mm
Capillary Water Absorption	≤0,10 kg (m².h0,5) (EN 1062-3)
Pressured Water Resistance	5 bar positive (DIN 1048)
Full Drying Time	Minimum 48 hours
Mechanical Strength Time	3 days
Water Impermeability Time	7 days
Coating Time	3 days
Consumption	3,00-3,50 kg/m² (for 2 mm application thickness)

* All technical values are calculated at +23°C and 50% relative humidity.
Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The mixed material is applied to the surface in at least 2-3 coats with brush, roller brush or trowel. The application of each layer should be perpendicular to the previous one.
- The waiting time between the layers is at least 6 and at most 12 hours. In case of waiting more than 12 hours for the application of the next coat, the surface should be moisturized again before application.
- It is recommended to use ExperBrace RM 12 waterproofing mesh between two layers. The use of mesh increases the reinforcing feature of the system.
- After applying the topcoat, the surface should be protected against sun and fast drying for 3 days.
- The mixture in the container should be consumed within 30 minutes and the mortar should not be used if this period is exceeded.
- Do not reuse mortar that is hardening or completely hardened by adding water to it.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- No water is added externally.
- After applying the topcoat, the surface should be protected against sun and fast drying for 3 days.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 14891/CMO2P Class



ExperProof CC 70

COLOR OPTIONS: Grey

25

±%2 KG



APPLICABLE BOTH
FOR NEGATIVE &
POSITIVE WAY



FILLS THE
CAPILLARY GAPS

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement-based, fine aggregate, polymer-added powder
Powder Density	~ 1,60 g/cm ³ (±0,1)
Mortar Density	1,90-2,10 g/cm ³ (±0,1)
Mixture Ratio	7,00-7,50 lt water / 25 kg powder
Pot Life	30 minutes
Working Time	20 minutes
Full Curing Time	28 days
Consumption	2,50-3,00 kg/m ² (for 2 mm application thickness)

* All technical values are calculated at +23°C and 50% relative humidity.
Changes in temperature and humidity change the technical values.

CEMENT-BASED, SINGLE COMPONENT, CRYSTALLIZED WATERPROOFING MATERIAL

Cement based, single component, crystallized waterproofing material that can be applied in terms of negative and positive hydrostatic pressure. Thanks to the special additives it contains, it penetrates into the concrete, forms insoluble minerals in capillary spaces and provides water impermeability.

APPLICATION AREAS

Used as waterproofing material:

- Indoors and outdoors,
- Under foundation and curtain wall concretes
- Basement walls, elevator shafts,
- In water tanks and swimming pools,
- In underground garages and tunnels,
- Dams, concrete pipes, irrigation canals and culverts.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are any damages on the surface that may affect the application, they should be repaired with ExperRepair mortar 24 hours before the application.

PREPARATION OF MIXTURE

- ExperProof CC 70 is placed in a clean mixing bowl. Then slowly add 7,00-7,50 lt of water to be used for the mixture into the bowl and mix with the help of a low speed mixer (400-600 rpm) until a homogeneous and lump-free mixture is obtained.
- The mixture is allowed to rest for 3-5 minutes and then mixed again for 30 seconds and made ready for use.

APPLICATION DETAILS

- The mixed material is applied to the surface in at least 2 coats with a brush or trowel. The application of each layer should be perpendicular to the previous one.
- The waiting time between the layers is at least 6 and at most 12 hours. In case of waiting more than 12 hours for the application of the next coat, the surface should be moisturized again before application.
- Do not reuse mortar that is hardening or completely hardened by adding water to it.

WARNINGS

- Do not apply in weather conditions below +5°C above +30°C in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent application or that may damage the surface after application.
- Not applied to brick, gas concrete, plaster, wood, fiberboard, plywood and metal surfaces.
- Not used for waterproofing roofs, terraces and building facades.
- It should not be left uncovered in places open to traffic. It should be covered appropriately.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

ExperProof RP 71

COLOR OPTIONS: Grey

5
±%2 KG



RAPID SETTING



PLUGS ACTIVE
WATER LEAKS

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement-based, fine aggregate, polymer-added powder
Powder Density	1,07 g/cm ³ (±0,1)
Setting Time	2-3 seconds after contact with water

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

CEMENT-BASED, SINGLE COMPONENT, ULTRA-RAPID SETTING WATER PLUGGING MORTAR

Cement based, single component, powder applied, modified with polymer and various additives, chloride-free, high performance water plugging mortar, used in the sealing and repair of active water leaks which sets and hardens very quickly when it reacts with water and provides high adherence.

APPLICATION AREAS

Used as plugging mortar:

- Indoors and outdoors,
- On mineral-based surfaces,
- Sealing of active water leaks in foundations, basements, retaining walls, elevator shafts, concrete pipes, water tanks, pools and repair of static cracks,
- In a chamfer application to stop water.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Application should be avoided in high-temperature weather conditions.
- The application surface must be moist.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- The leakage area on the surface should be enlarged at least 3x3 cm in order to reduce the water pressure. It should be ensured that the depth-width ratio is 2/1.

APPLICATION DETAILS

- Gloves must be worn before application.
- With a glove, take a small amount of ExperProof RP 71 powder in the palm and apply it to the leakage point by pressing it in one move.
- ExperProof RP 71 should continue to be pressed in the same way until it sets.
- After the hardening is completed, the surface is leveled with a wire brush and the surface is made ready for the next application.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, high temperatures and/or windy weather.
- Not applied to brick, gas concrete, plaster, wood, fiberboard, plywood and metal surfaces.
- Not used in cracks on movable surfaces and general crack repair.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

ExperProof SS 80

COLOR OPTIONS: Colorless

25
±%2 KG

Packaging Options
20 kg/plastic drum
5 kg/plastic drum



TRANSPARENT



UV RESISTANT



HYDROPHOBIC

TECHNICAL SPECIFICATIONS

Chemical Structure	White, Silicate based liquid
Density	1,05 g/cm ³ (±0,1)
Full Drying Time	24 hours
Consumption	150-200 g/m ² (depending on the absorbency of the surface)

* All technical values are calculated at +23°C and 55% relative humidity.
Changes in temperature and humidity change the technical values.

SILICA-SILICATE BASED, UV RESISTANT, COLORLESS, LIQUID, WATER REPELLENT AND SURFACE PROTECTOR

Silica-Silicate based, waterborne, single component, UV resistant, colorless, liquid, water repellent and surface protective material.

APPLICATION AREAS

Used as a water repellent and surface protector:

- Indoors and outdoors,
- On water-absorbent surfaces with a certain slope,
- Outdoor areas such as balconies and terraces,
- In wet areas such as bathrooms and kitchens,
- On absorbent and less absorbent surfaces such as concrete, brick, exposed concrete, plaster, marble, granite, travertine, natural stone etc,
- Restoration of old or historical buildings and their protection against climatic conditions,
- Water repellency applications for joints of coating materials such as tiles, ceramics, glass mosaics.

SURFACE AND APPLICATION CONDITIONS

- If the surface is concrete, it must be cured and the moisture content of the concrete must not exceed 4%.
- Do not apply on wet, high humidity, frozen surfaces or surfaces at risk of freezing within 24 hours, in direct sunlight and high wind conditions.
- Air temperature should be between +10°C and +35°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, rust, paint, oil and similar substances that will reduce adherence.
- Damaged parts, unstable surfaces and cracks should be repaired with the appropriate ExperRepair product.

PREPARATION OF MIXTURE

- ExperProof SS 80 is ready to use. No additives or dilutions are required.
- It should be shaken before application.

APPLICATION DETAILS

- ExperProof SS 80 is applied to the surface with a roller, brush or airless spraying machine (spray).
- Single coat application is sufficient on less absorbent surfaces.
- On surfaces with high absorbency, two layers should be applied. The waiting time between layers is maximum 4 hours.
- Care should be taken to ensure that the material does not spill on the surface.

WARNINGS

- Do not apply in weather conditions below +5°C, above +35°C, in rainy and/or windy weather.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.
- Do not add water or any other substance externally.
- ExperProof SS 80 is not suitable for use under ground and under pressurized water.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a dry environment, protected from frost, between +10°C and +30°C. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production. Since products in opened packages will freeze in a short time; they should not be stored again and should be consumed.



Ceramic Adhesive Mortars

Achieve durable and strong results on wet surfaces with Experas high quality ceramic adhesive mortars.



ExperTile BA 10

COLOR OPTIONS: Grey, White

25
±%2 KG

Packaging Options

25 kg/kraft bag
20 kg/kraft bag



CEMENT BASED, CERAMIC ADHESIVE MORTAR (C1T)

Cement based, single component, tile and ceramic adhesive mortar with reduced slip features.

APPLICATION AREAS

Used as an adhesive mortar:

- Indoors and outdoors,
- Horizontal and vertical applications,
- On mineral surfaces,
- application of small and medium sized (maximum 33x33cm) floor and wall tiles with a water absorption rate above 3% .

SURFACE AND APPLICATION CONDITIONS

- The application surface must be cured.
- Ambient temperature should be between +5°C and +35°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are any damages on the surface that may affect the application, should be repaired with ExperRepair mortar 24 hours before the application.
- If the application surface is dry, it should be wetted and kept moist. If the surface is highly water absorbent, the application should be made after priming the surface.

PREPARATION OF MIXTURE

- Pour 5,50-6,00 liters of clean water into a clean bowl. Then ExperTile BA 10 should be slowly added to the container filled with water and mixed with a low speed mixer until a homogeneous and lump-free mixture is obtained.
- The mixture is allowed to rest for 5-10 minutes and then mix again for 1-2 minutes and made ready for use.



EASY TO
APPLY



NO SAGGING

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement-based, polymer-added powder
Powder Density	~ 1,50 kg/lt
Water Mixture Ratio	5,50-6,00 lt water / 25 kg powder
Initial Tensile Adhesive Strength	≥0,5 N/mm ²
Tensile Adhesive Strength After Water Immersion	≥0,5 N/mm ²
Tensile Adhesive Strength After Heat Aging	≥0,5 N/mm ²
Tensile Adhesive Strength After Freeze-Thaw Cycles	≥0,5 N/mm ²
Tensile Adhesive Strength After Extended Open Time (after 20 min)	≥0,5 N/mm ²
Slippage	≤0,5 mm
Pot Life	2-2,5 hours
Working Time	Maximum 20 minutes
Walkability Duration	24 hours
Consumption	4-6 kg /m ²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The prepared mortar is applied to the surface as a contact layer and then it's combed with a notched trowel selected according to the size of the tile.
- The adhesive mortar should contact at least 80% of the back side of the tile.
- In order to ensure a good adhesion, the air should be expelled by applying force with the help of a rubber hammer.
- The mixture in the container should be consumed within 2-2,5 hours.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- Pay attention to the quantity and quality of the water added to the mortar.
- It cannot be used on gypsum panels, wooden and metal surfaces, floors exposed to heavy traffic, prefabricated and underfloor heating systems, swimming pools.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 12004/C1T Class



ExperTile BE 11

COLOR OPTIONS: Grey, White

25
±%2 KG

Packaging Options

25 kg/kraft bag
20 kg/kraft bag



CEMENT BASED, CERAMIC ADHESIVE MORTAR WITH EXTENDED OPEN TIME (C1TE)

Cement based, single component, ceramic adhesive mortar with extended open time and reduced slipping features.

APPLICATION AREAS

Used as an adhesive mortar:

- Indoors and outdoors,
- Horizontal and vertical applications,
- On mineral surfaces,
- Especially in wet areas such as bathrooms and kitchens,
- Application of small and medium sized ceramic, granite, marble, natural stone, mosaic, decorative brick etc.

SURFACE AND APPLICATION CONDITIONS

- The application surface must be cured.
- Ambient temperature should be between +5°C and +35°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are any damages on the surface that may affect the application, should be repaired with ExperRepair mortar 24 hours before the application.
- If the application surface is dry, it should be wetted and kept moist. If the surface is highly water absorbent, the application should be made after priming the surface.

PREPARATION OF MIXTURE

- Pour 6,00-6,50 liters of clean water into a clean bowl. Then ExperTile BE 11 should be slowly added to the container filled with water and mixed with a low speed mixer until a homogeneous and lump-free mixture is obtained.
- The mixture is allowed to rest for 5-10 minutes and then mixed again for 1-2 minutes and made ready for use.



EASY TO
APPLY



EXTENDED
OPEN TIME

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based powder containing performance enhancing additives
Powder Density	~ 1,50 g/cm ³ (±0,1)
Water Mixture Ratio	6,00-6,50 lt water / 25 kg powder
Initial Tensile Adhesion Strength	≥0,5 N/mm ²
Tensile Adhesion Strength After Water Immersion	≥0,5 N/mm ²
Tensile Adhesion Strength After Heat Aging	≥0,5 N/mm ²
Tensile Adhesion Strength After Freeze-Thaw Cycles	≥0,5 N/mm ²
Tensile Adhesion Strength After Extended Open Time (after 30 min)	≥0,5 N/mm ²
Slippage	≤0,5 mm
Pot Life	3-4 saat
Working Time	Maximum 25 minutes
Walkability Duration	24 hours
Consumption	4-6 kg/m ²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The prepared mortar is applied to the surface as a contact layer and then it's combed with a notched trowel selected according to the size of the tile.
- The adhesive mortar should contact at least 80% of the back side of the tile.
- In order to ensure a good adhesion, air should be expelled by applying force with the help of a rubber hammer.
- If a stronger adhesion is desired, especially in outdoor applications, it can be mixed with ExperAdmix LT 10.
- The mixture in the container should be consumed within 3-4 hours.

WARNINGS

- Do not apply in weather conditions below +5°C above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- Pay attention to the quantity and quality of the water added to the mortar.
- It cannot be used on gypsum panels, wooden and metal surfaces, floors exposed to heavy traffic, prefabricated and underfloor heating systems, swimming pools.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 12004/C1TE Class



ExperTile FL 12

COLOR OPTIONS: Grey, White

25
±%2 KG

Packaging Options

25 kg/kraft bag
20 kg/kraft bag



CEMENT BASED, HIGH PERFORMANCE, FLEXIBLE GRANITE CERAMIC ADHESIVE MORTAR (C2TE)

Cement based, single component, polymer added, high performance and high stability, reduced slipping, very flexible ceramic, granite, porcelain adhesive mortar.

APPLICATION AREAS

Used as an adhesive mortar:

- Indoors and outdoors,
- Horizontal and vertical applications,
- On mineral surfaces,
- In places exposed to heavy pedestrian traffic such as educational buildings, hospitals, workplaces, shopping malls,
- In coating applications on underfloor heating systems,
- Application of medium and large sized ceramic, granite, marble, natural stone, mosaic, decorative brick etc.

SURFACE AND APPLICATION CONDITIONS

- The application surface must be cured.
- Ambient temperature should be between +5°C and +35°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are any damages on the surface that may affect the application, should be repaired with ExperRepair mortar 24 hours before the application.
- If the application surface is dry, it should be wetted and kept moist. If the surface is highly water absorbent, the application should be made after priming the surface.

PREPARATION OF MIXTURE

- Pour 6,25-6,75 liters of clean water into a clean bowl. Then ExperTile FL 12 should be slowly added to the container filled with water and mixed with a low speed mixer until a homogeneous and lump-free mixture is obtained.
- The mixture is allowed to rest for 5-10 minutes and then mixed again for 1-2 minutes and made ready for use.



HIGH
FLEXIBILITY



EXTENDED
OPEN TIME

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based powder containing performance enhancing additives
Powder Density	~ 1,50 g/cm ³ (±0,1)
Water Mixture Ratio	6,25-6,75 lt water / 25 kg powder
High Initial Tensile Adhesion Strength	≥ 1 N/mm ²
Tensile Adhesion Strength After Water Immersion	≥ 1 N/mm ²
Tensile Adhesion Strength After Heat Aging	≥ 1 N/mm ²
Tensile Adhesion Strength After Freeze-Thaw Cycles	≥ 1 N/mm ²
Tensile Adhesion Strength After Extended Open Time (after 30 min)	≥0,5 N/mm ²
Slippage	≤0,5 mm
Pot Life	3-4 hours
Working Time	Maximum 30 minutes
Walkability Duration	24 hours
Consumption	4-6 kg/m ²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The prepared mortar is applied to the surface as a contact layer and then it's combed with a notched trowel selected according to the size of the tile.
- The adhesive mortar should contact at least 80% of the back side of the tile.
- If necessary, double-sided adhesion method should be preferred by applying adhesive mortar both on the back of the ceramic and on the surface. In this method, the combing direction of the two surfaces on which the mortar is applied, should be applied perpendicular to each other.
- In order to ensure a good adhesion, air should be expelled by applying force with the help of a rubber hammer.
- The mixture in the container should be consumed within 3-4 hours.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- Pay attention to the quantity and quality of the water added to the mortar.
- It cannot be used on gypsum panels, wooden and metal surfaces, floors exposed to heavy traffic, prefabricated and underfloor heating systems, swimming pools.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 12004/C2TE Class



ExperTile RS 13

COLOR OPTIONS: Grey

25
±%2 KG



CEMENT BASED, RAPID SETTING, HIGH PERFORMANCE, CERAMIC ADHESIVE MORTAR (C2FT)

Cement based, single component, polymer added, rapid setting, high performance and high stability ceramic adhesive mortar with reduced slip feature.

APPLICATION AREAS

Used as an adhesive mortar:

- Indoors and outdoors,
- In areas that are need to be opened for use within a day,
- Horizontal and vertical applications,
- On mineral surfaces,
- In places exposed to heavy pedestrian traffic such as educational buildings, hospitals, workplaces, shopping malls,
- In coating applications on underfloor heating systems,
- Application of medium and large sized ceramic, granite, marble, natural stone, mosaic, decorative brick etc.

SURFACE AND APPLICATION CONDITIONS

- The application surface must be cured.
- Ambient temperature should be between +5°C and +35°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are any damages on the surface that may affect the application, should be repaired with ExperRepair mortar 24 hours before the application.
- If the application surface is dry, it should be wetted and kept moist. If the surface is highly water absorbent, the application should be made after priming the surface.

PREPARATION OF MIXTURE

- Pour 5,25-5,75 liters of clean water into a clean bowl. Then ExperTile RS 13 should be slowly added to the container filled with water and mixed with a low speed mixer until a homogeneous and lump-free mixture is obtained.
- The mixture is allowed to rest for 2-3 minutes and then mixed again for 1-2 minutes and made ready for use.



RAPID SETTING



HIGH ADHESION
STRENGTH

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based powder containing polymer and performance enhancing additives
Powder Density	~ 1,50 g/cm ³ (±0,1)
Water Mixture Ratio	5,25-5,75 lt water / 25 kg powder
Early Tensile Adhesion Strength (after 6 hours)	≥0,5 N/mm ²
Tensile Adhesion Strength	≥1 N/mm ²
Tensile Adhesion Strength After Water Immersion	≥1 N/mm ²
Tensile Adhesion Strength After Heat Aging	≥1 N/mm ²
Tensile Adhesion Strength After Freeze-Thaw Cycles	≥1 N/mm ²
Extended Open Time Tensile Adhesion Strength(after 10 min.)	≥1 N/mm ²
Slippage	≤0,5 mm
Pot Life	Maximum 20 minutes
Walkability Duration	6 hours
Consumption	4-6 kg/m ²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The prepared mortar is applied to the surface as a contact layer and it's combed with a notched trowel selected according to the size of the tile.
- The adhesive mortar should contact at least 80% of the back side of the tile.
- If necessary, double-sided adhesion method should be preferred by applying adhesive mortar both on the back of the ceramic and on the surface. In this method, the combing direction of the two surfaces on which the mortar is applied should be applied perpendicular to each other.
- In order to ensure a good adhesion, air should be expelled by applying force with the help of a rubber hammer.
- The mixture in the container should be consumed within 20 minutes.

WARNINGS

- Do not apply in weather conditions below +5°C above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- Pay attention to the quantity and quality of the water added to the mortar.
- It cannot be used on gypsum panels, wooden and metal surfaces, floors exposed to heavy traffic, prefabricated and underfloor heating systems, swimming pools.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 6 months from the date of production.

REFERENCE STANDARDS: TS EN 12004/C2FT Class



ExperTile HF 14

COLOR OPTIONS: Grey, White

25
±%2 KG



CEMENT BASED, HIGH PERFORMANCE, FLEXIBLE GRANITE CERAMIC ADHESIVE MORTAR (C2TES1)

Cement based, single component, polymer added, high performance and high stability, reduced slipping, S1 class very flexible ceramic, granite, porcelain adhesive mortar.

APPLICATION AREAS

Used as an adhesive mortar:

- Indoors and outdoors,
- Horizontal and vertical applications,
- On mineral surfaces,
- In places exposed to heavy pedestrian traffic such as educational buildings, hospitals, workplaces, shopping malls,
- Coating applications on cold air storages, shocking facilities and underfloor heating systems,
- In swimming pools and water tanks
- Application of medium and large sized ceramic, granite, marble, natural stone, mosaic, decorative brick etc.

SURFACE AND APPLICATION CONDITIONS

- The application surface must be cured.
- Ambient temperature should be between +5°C and +35°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are any damages on the surface that may affect the application, should be repaired with ExperRepair mortar 24 hours before the application.
- If the application surface is dry, it should be wetted and kept moist. If the surface is highly water absorbent, the application should be made after priming the surface.

PREPARATION OF MIXTURE

- Pour 6,25-6,75 liters of clean water into a clean bowl. Then ExperTile HF 14 should be slowly added to the container filled with water and mixed with a low speed mixer until a homogeneous and lump-free mixture is obtained.
- The mixture is allowed to rest for 5-10 minutes and then mixed again for 1-2 minutes and made ready for use.



HIGH
FLEXIBILITY



EXTENDED
OPEN TIME

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based powder containing performance enhancing additives
Powder Density	~ 1,50 g/cm ³ (±0,1)
Water Mixture Ratio	6,25-6,75 lt water / 25 kg powder
High Initial Tensile Adhesion Strength	≥ 1 N/mm ²
Tensile Adhesion Strength After Water Immersion	≥ 1 N/mm ²
Tensile Adhesion Strength After Heat Aging	≥ 1 N/mm ²
Tensile Adhesion Strength After Freeze-Thaw Cycles	≥ 1 N/mm ²
Tensile Adhesion Strength After Extended Open Time (after 30 min)	≥0,5 N/mm ²
Slippage	≤0,5 mm
Transverse Deformation	2,5 mm ≤ S1 ≤ 5 mm
Pot Life	2,5-3 hours
Working Time	Maximum 30 minutes
Walkability Duration	24 hours
Consumption	4 - 6 kg /m ²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The prepared mortar is applied to the surface as a contact layer and then then it's combed with a notched trowel selected according to the size of the tile.
- The adhesive mortar should contact at least 80% of the back side of the tile.
- If necessary, double-sided adhesion method should be preferred by applying adhesive mortar both on the back of the ceramic and on the surface. In this method, the combing direction of the two surfaces on which the mortar is applied should be applied perpendicular to each other.
- In order to ensure a good adhesion, air should be expelled by applying force with the help of a rubber hammer.
- The mixture in the container should be consumed within 2,5-3 hours.

WARNINGS

- Do not apply in weather conditions below +5°C above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- Pay attention to the quantity and quality of the water added to the mortar.
- It cannot be used on gypsum panels, wooden and metal surfaces, floors exposed to heavy traffic.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 12004/C2TES1 Class



ExperTile SF 15

COLOR OPTIONS: Grey, White

25
±%2 KG



CEMENT BASED, HIGH PERFORMANCE, FLEXIBLE GRANITE CERAMIC ADHESIVE MORTAR (C2TES2)

Cement based, single component, polymer added, high performance and high stability, reduced slipping, high quality, S2 class very flexible ceramic, granite, porcelain adhesive mortar.

APPLICATION AREAS

Used as an adhesive mortar:

- Indoors and outdoors,
- Horizontal and vertical applications,
- On mineral surfaces,
- In places exposed to heavy pedestrian traffic such as educational buildings, hospitals, workplaces, shopping malls,
- Coating applications on cold air storages, shocking facilities and underfloor heating systems,
- In swimming pools and water tanks
- Application of medium and large sized ceramic, granite, marble, natural stone, mosaic, decorative brick etc.

SURFACE AND APPLICATION CONDITIONS

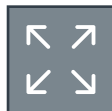
- The application surface must be cured.
- Ambient temperature should be between +5°C and +35°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are any damages on the surface that may affect the application, should be repaired with ExperRepair mortar 24 hours before the application.
- If the application surface is dry, it should be wetted and kept moist. If the surface is highly water absorbent, the application should be made after priming the surface.

PREPARATION OF MIXTURE

- Pour 6,00-6,50 liters of clean water into a clean bowl. Then ExperTile SF 15 should be slowly added to the container filled with water and mixed with a low speed mixer until a homogeneous and lump-free mixture is obtained.
- The mixture is allowed to rest for 5-10 minutes and then mixed again for 1-2 minutes and made ready for use.



VERY HIGH
FLEXIBILITY



EXTENDED
OPEN TIME

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based powder containing polymer and performance enhancing additives
Powder Density	~ 1,45 g/cm ³ (±0,1)
Water Mixture Ratio	6,00-6,50 lt water / 25 kg powder
High Initial Tensile Adhesion Strength	≥1 N/mm ²
Tensile Adhesion Strength After Water Immersion	≥1 N/mm ²
Tensile Adhesion Strength After Heat Aging	≥1 N/mm ²
Tensile Adhesion Strength After Freeze-Thaw Cycles	≥1 N/mm ²
Tensile Adhesion Strength After Extended Open Time (after 30 min)	≥0,5 N/mm ²
Slippage	≤0,5 mm
Transverse Deformation	S2≥5 mm
Pot Life	2,5-3 hours
Working Time	Maximum 30 minutes
Walkability Duration	24 hours
Consumption	4-6 kg/m ²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The prepared mortar is applied to the surface as a contact layer and then then it's combed with a notched trowel selected according to the size of the tile.
- The adhesive mortar should contact at least 80% of the back side of the tile.
- If necessary, double-sided adhesion method should be preferred by applying adhesive mortar both on the back of the ceramic and on the surface. In this method, the combing direction of the two surfaces on which the mortar is applied should be applied perpendicular to each other.
- In order to ensure a good adhesion, air should be expelled by applying force with the help of a rubber hammer.
- The mixture in the container should be consumed within 2,5-3 hours.

WARNINGS

- Do not apply in weather conditions below +5°C above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- Pay attention to the quantity and quality of the water added to the mortar.
- It cannot be used on gypsum panels, wooden and metal surfaces, floors exposed to heavy traffic.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 12004/C2TES2 Class



ExperTile DT 16

RENK: White

5

±%2 KG

Packaging Options
25 kg/plastic bucket
5 kg/plastic bucket



MODIFIED ACRYLIC EMULSION BASED, HIGH PERFORMANCE, FLEXIBLE ADHESIVE MORTAR (D2TE)

Modified acrylic emulsion based, one component, high performance and high stability, reduced slipping, extended open time, ready to use, flexible ceramic, granite and porcelain adhesive mortar.

APPLICATION AREAS

- Indoors and outdoors,
- In horizontal and vertical applications,
- In mineral, plaster, plaster panels, painted surfaces,
- On bonding thermal insulation boards and decorative coatings in interior spaces,
- On coating applications on underfloor heating systems,
- In the application of coating materials such as granite, marble, natural stone, mosaic, decorative brick, it is used as adhesive mortar.

SURFACE AND APPLICATION CONDITIONS

- The application surface must be cured.
- The ambient temperature should be between +5°C and +35°C.
- It should be avoided to apply in humid, rainy and high temperature weather conditions.
- It should not be applied on surfaces that are frozen, melting or where there is a risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles should be cleaned from the surface.
- If there are any damages on the surface that may affect the application, they should be repaired with ExperRepair repair mortar 24 hours before application.
- If the application surface is dry, it should be wetted and kept moist. If the surface is very water absorbent, application should be made after priming the surface.

APPLICATION DETAILS

- It is ready to use. It should be mixed before application.
- ExperTile DT 16 is applied as a contact layer and then the product is raked with a toothed trowel selected according to the tile size.
- The adhesive mortar must contact at least 80% of the back side of the tile.



**HIGH ADHESION
STRENGTH**



**HIGH
FLEXIBILITY**



**EXTENDED OPEN
TIME**

TECHNICAL SPECIFICATIONS

Chemical Structure	Modified acrylic emulsion based paste
Powder Density	1,65 g/cm ³ (±0,1)
Initial Tensile Adhesive Strength	≥ 1 N/mm ²
Tensile Adhesive Strength After Water Immersion	≥ 0,5 N/mm ²
Tensile Adhesive Strength After Heat Aging	≥ 1 N/mm ²
Tensile Adhesive Strength after Extended Open Time (after 30 min)	≥ 0.5 N/mm ²
Slippage	≤ 0,5 mm
Working Time	Maximum 30 minutes
Walkability Time	Min. 24 hours
Joint Application Time	Min. 24 hours
Full Hardening Time	7-14 days
Fire Reaction Class	Bs1d0
Consumption	With a 6 mm notched trowel: 2,00-3,00 kg/m ² With a 8 mm notched trowel: 3,00-4,00 kg/m ²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

- If necessary, double-sided adhesion method should be preferred by applying adhesive mortar both on the back of the ceramic and on the surface. In this method, the combing direction of the two surfaces on which the mortar is applied should be applied perpendicular to each other.
- In order to ensure good adhesion, the air should be expelled by applying force with the help of a rubber hammer.

WARNINGS

- Do not apply in weather conditions below +5°C, above +35°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, at risk of freezing within 24 hours, wind and conditions that may prevent application or damage the surface after application.
- It cannot be used on wood, metal surfaces, floors exposed to heavy traffic and wet areas such as swimming pools.
- The unused product packaging should be tightly closed and the product should be kept out of contact with air.
- In case of film and crusting on the surface outside the standard conditions, it should be re-combed.

STORAGE AND SHELF LIFE

- It should be stored in its unopened original package, in a closed, moisture-free, dry environment protected from frost. The products should not be overloaded in a way that would damage their packaging.
- Shelf life under proper storage conditions is 12 months from the date of manufacture.

REFERENCE STANDARDS: TS EN 12004/D2TE Class

Why **Experas** ?

Save on Cost and Time

With Experas products, you can increase efficiency and save both cost and time with high-performance product solutions for application surfaces. While doing this, you can complete your projects without compromising quality and application performance.





Joint Filling Materials

Obtain uninterrupted and aesthetic lines with Experas joint fillers after floor applications such as ceramics, granite, tiles and marble.



ExperGrout CF 10

COLOR OPTIONS: White, Bahama Beige, Sand Beige, Sahara Beige, Ivory, Grey, Silver Grey, Anthracite, Light Grey, Light Brown, Dark Brown, Bronze Brown, Soft Brown, Black

20
±%2 KG



CEMENT BASED, FLEXIBLE TILE GROUT (CG2WA)

Cement based, single component, polymer added, high performance, flexible tile grouting material, suitable for 1-12 mm wide joints.

APPLICATION AREAS

Used for tile grouting purposes:

- Indoors and outdoors,
- Horizontal and vertical applications,
- In joint applications up to 12mm width of all ceramic, granite, granite ceramic, marble and similar coating materials to be applied to buildings,
- In swimming pools and ornamental pools.

SURFACE AND APPLICATION CONDITIONS

- Ambient temperature should be between: +5°C and +35°C.
- Make sure that conditions such as frost, rain, strong winds and high temperatures does not exist.
- Make sure that the tile grout gaps are at least 2/3 of the ceramic thickness.
- Before application, make sure that the ceramics are fully adhered to the surface and the adhesive mortar is fully dried.

SURFACE PREPARATION

- In order to ensure a homogeneous drying; dust, sawdust, construction cement residues etc. that may exist between the tile grout gaps should be cleaned with a fine brush before tile grouting application.
- Moisten the tile grout gaps with a sponge before application.
- It should not be applied on warm underfloor heated floors and ensure that the system is shut down 24 hours before tile grouting application.

PREPARATION OF MIXTURE

- For 20kg bag: 6,25-6,75 lt of clean water is poured into the clean mixing bowl with the help of a scale.
- Slowly add ExperGrout CF 10 tile grout to clean water and mix with a low speed mixer until a lump-free mixture is obtained.
- After resting for about 5-10 minutes and stirring again for 1-2 minutes, the material is ready for use.



EASY TO
APPLY



RESISTANT TO MOLD,
FUNGUS AND
MOSS FORMATION

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement-based, polymer-added powder
Density	1,15 kg/lt (±0,1)
Mixture Ratio	6,25-6,75 lt water / 20 kg powder
Pot Life	1 hour
Abrasion Strength	≤ 1.000 mm ³ (EN 12808-2)
Bending Strength After Dry Storage	≥ 2,5 N/mm ² (EN 12808-3)
Compressive Strength After Dry Storage	≥ 15 N/mm ² (EN 12808-3)
Shrinkage	≤ 3 mm/m (EN 12808-4)
Water Absorption	*30 minutes ≤2 g (EN 12808-5) *240 minutes ≤5 g (EN 12808-5)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

CONSUMPTION

Tile		Consumption according to grout width			
Dimensions	Depth	3 mm (g/m ²)	6 mm (g/m ²)	8 mm (g/m ²)	12 mm (g/m ²)
20 x 20 cm	8 mm	375	750	1000	1500
25 x 40 cm	8 mm	250	500	670	1000
33 x 33 cm	8 mm	225	450	600	900
60 x 60 cm	10 mm	165	330	440	660
60 x 120 cm	10 mm	110	220	290	435

APPLICATION DETAILS

- The prepared grouting mortar is filled in between the tile grouts by using a hard rubber edger or a hard rubber trowel.
- In order to fill the tile grout gaps completely, it should first be pulled parallel to the tile grout gaps and then diagonally.
- Excess mortar on the surface should be scraped off with a dampened soft-tipped spatula, wait for 15-30 minutes depending on the ambient temperature (until the material withstands finger pressure) and then wipe with a damp sponge to remove the thin grout layer that may remain on the surface. In deep tile grout gaps, the material should first be allowed to settle and then this application should be repeated.
- Surface smoothing and cleaning should be done with a dry cloth while ExperGrout CF 10 is still wet.
- After the material has dried (24 hours), polish the ceramics with a dry and clean oakum.
- The pot life of the prepared mortar is 1 hour.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Do not apply on surfaces that are frozen, melting or in risk of frost within 24 hours, exposed to direct sunlight, at high temperatures or under strong winds.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 13888/CG2WA Class



ExperGrout CB 11

COLOR OPTIONS: White, Grey

20
±%2 KG



CEMENT BASED TILE GROUT (CG1)

Cement based, single component, high performance, tile grouting material, suitable for 1-6 mm wide joints.

APPLICATION AREAS

Used for tile grouting purposes:

- Indoors,
- Horizontal and vertical applications,
- In tile grout applications up to 6mm width of all ceramic, tile and similar coating materials to be applied to buildings.

SURFACE AND APPLICATION CONDITIONS

- Ambient temperature should be between: +5°C and +35°C.
- Make sure that conditions such as frost, rain, strong winds and high temperatures does not exist.
- Make sure that the tile grout gaps are at least 2/3 of the ceramic thickness.
- Before application, make sure that the ceramics are fully adhered to the surface and the adhesive mortar is fully dried.

SURFACE PREPARATION

- In order to ensure a homogeneous drying, dust, sawdust, construction cement residues etc. that may exist between the tile grout gaps should be cleaned with a fine brush before tile grouting application.
- Moisten the tile grout gaps with a sponge before application.
- It should not be applied on warm underfloor heated floors and ensure that the system is shut down 24 hours before tile grouting application.

PREPARATION OF MIXTURE

- 6,50-7,50 lt of clean water is poured into the clean mixing bowl with the help of a scale.
- Slowly add ExperGrout CB 11 tile grout to clean water and mix with a low speed mixer until a lump-free mixture is obtained.
- After resting for about 5-10 minutes and stirring again for 1-2 minutes, the material is ready for use.



EASY TO
APPLY



RESISTANT TO
ABRASION

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based powder
Density	1,15 kg/lt (±0,1)
Mixture Ratio	6,50-7,50 lt water / 20 kg powder
Pot Life	~1 hour
Abrasion Strength	≤2.000 mm ³ (EN 12808-2)
Bending Strength After Dry Storage	≥2,5 N/mm ² (EN 12808-3)
Compressive Strength After Dry Storage	≥15 N/mm ²
Shrinkage	≤3 mm/m
Water Absorption	*30 minutes ≤5 g (EN 12808-5) *240 minutes ≤10 g (EN 12808-5)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

CONSUMPTION

Tile		Consumption according to grout width			
Dimensions	Depth	2 mm (g/m ²)	3 mm (g/m ²)	4 mm (g/m ²)	5 mm (g/m ²)
10 x 10 cm	6 mm	370	560	740	1.100
20 x 20 cm	8 mm	250	375	500	700
25 x 40 cm	8 mm	165	250	330	500
33 x 33 cm	8 mm	150	225	300	450
60 x 60 cm	10 mm	110	165	220	330
60 x 120 cm	10 mm	75	110	145	220

APPLICATION DETAILS

- The prepared grouting mortar is filled in between the tile grouts using a hard rubber edger or a hard rubber trowel.
- In order to fill the tile grout gaps completely, it should first be pulled parallel to the tile grout gaps and then diagonally.
- Excess mortar on the surface should be scraped off with a dampened soft-tipped spatula, wait for 15-30 minutes depending on the ambient temperature (until the material withstands finger pressure) and then wipe with a damp sponge to remove the thin grout layer that may remain on the surface. In deep tile grout gaps, the material should first be allowed to settle and then this application should be repeated.
- Surface smoothing and cleaning should be done with a dry cloth while ExperGrout CB 11 is still wet.
- After the material has dried (24 hours), polish the ceramics with a dry and clean oakum.
- The pot life of the prepared mortar is 1 hour.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Do not apply on surfaces that are frozen, melting or in risk of frost within 24 hours, exposed to direct sunlight, at high temperatures or under strong winds.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 13888/CG1 Class



Why **Experas** ?

Achieve Comfortable Indoor and Outdoor Environment

Experas Construction Chemicals helps you create comfortable and safe spaces indoors and outdoors. By offering effective product solutions against seasonal effects in summer and winter, it offers a quality and perfect living experience where you can create healthy and comfortable environments.





Heat and Sound Insulation Materials

Make your buildings more comfortable with Experas' specially formulated sound and heat insulation products; Save energy and get quiet environments.



ExperTherm TR 10

COLOR OPTIONS: Grey, White

15
±%2 KG



CEMENT BASED, POLYMER AND PUMICE ADDED, INSULATION RENDER

Cement based, polymer and pumice added, single component, multi-purpose exterior insulation plaster mortar with thermal insulation, sound and fire proofing properties.

APPLICATION AREAS

Especially used for thermal insulation purposes:

- Exterior facades,
- In insulation applications of all mineral based surfaces such as pumice block, gas concrete, brick, briquette wall, exposed concrete etc.

SURFACE AND APPLICATION CONDITIONS

- Ambient temperature should be between +5°C and +35°C.
- Avoid application in strong wind or sun.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are any damages on the surface that may affect the application, they should be repaired with ExperRepair mortar 24 hours before the application.
- The surface must be moisturized before application, it must be saturated with water in very hot and windy weather.
- Wood-based lightweight boards, thermal insulation boards and exposed surfaces should be primed with ExperPrime CP 50 or ExperPrime AE 31 exposed concrete primer and made ready for application.
- If primer is applied to the surface before ExperTherm TR 10 application, wait 24-72 hours depending on weather conditions for plaster application.

PREPARATION OF MIXTURE

- Add 14,00-15,00 liters of clean water to 15 kg ExperTherm TR 10 poured into a clean bowl. Mix with a low speed mixer until a homogeneous and lump free mixture is obtained.
- The mixture is allowed to rest for approximately 10 minutes, then mix again for 2-3 minutes and made ready for application.



THermal
INSULATION



SUITABLE
FOR MACHINE
APPLICATION

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based, polymer and pumice added powder
Dry Unit Weight	~350 kg/m ³ (±100)
Wet Unit Weight	~850 kg/m ³ (±100)
Water Mixture Ratio	14,00-15,00lt water / 15 kg powder
Thermal Conductivity	≤0,1 W/m.K - T1 Class
Compressive Strength	CS I ≥1 N/mm ² (EN 1015-11)
Bond Strength	≥0,1 N/mm ² (EN 1015-12)
Capillary Water Absorption	W1; C ≤0,40 kg/(m ² .minute 0,5) (EN 1015-18)
Water Vapor Permeability	≤15
Reaction to Fire	A1
Pot Life	Up to 2 hours
Full Curing Time	28 days
Consumption	4,50 kg/m ² (for 10 mm application thickness)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- Once the mixture is completed, apply the material to the surface with a steel trowel or machine and then smooth it with a cartridge.
- Make sure that the plaster is applied to the surface with equal thickness and spreads over the entire surface.
- The application thickness of the first coat should be between 20-40 mm.
- After the first coat has set, apply the second coat in the same way.
- The application thickness of the second coat should be between 10-20 mm.
- The waiting time between the coats is approximately 24 hours depending on weather conditions.
- The surface must be ruled to obtain a smooth surface.
- The surface should be moisturized for 2-3 days after application.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- Wait 2-3 days, depending on weather conditions, for the topcoat to be applied.
- Dilatation joints must be observed in the application area, if any.
- Profiles suitable for the thickness of the topcoat to be applied, should be used.
- No foreign materials such as lime, cement, gypsum etc. should be added to the prepared mortar.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 998-1



ExperTherm SR 12

COLOR OPTIONS: Grey

15
±%2 KG



CEMENT BASED, POLYMER AND PUMICE ADDED INSULATION RENDER WITH INCREASED SOUND PROOFING FEATURE

Cement based, polymer and pumice added, single component, insulation render with 50% increased sound proofing feature and at the same time thermal and fire insulation features.

APPLICATION AREAS

- Especially used for sound proofing purposes:
- Interior facades,
- In insulation applications of all mineral based surfaces such as pumice block, gas concrete, brick, briquette wall, exposed concrete etc.

SURFACE AND APPLICATION CONDITIONS

- Ambient temperature should be between +5°C and +35°C.
- Avoid application in strong wind or sun.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are any damages on the surface that may affect the application, they should be repaired with ExperRepair mortar 24 hours before the application.
- The surface must be moisturized before application; it must be saturated with water in very hot and windy weather.
- Wood-based lightweight boards, thermal insulation boards and exposed surfaces should be primed with ExperPrime CP 50 or ExperPrime AE 31 exposed concrete primer and made ready for application.
- If primer is applied to the surface before ExperTherm SR 12 application, wait 24-72 hours depending on weather conditions for plaster application.

PREPARATION OF MIXTURE

- Add 14,00-15,00 lt of clean water to 15 kg ExperTherm SR 12 poured into a clean bowl. Mix with a low speed mixer until a homogeneous and lump free mixture is obtained.
- The mixture is allowed to rest for approximately 10 minutes, then mix again for 2-3 minutes and made ready for application.



**SOUND
PROOFING**



**SUITABLE
FOR MACHINE
APPLICATION**

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based, polymer and pumice added powder
Dry Unit Weight	~400 kg/m ³ (±200)
Wet Unit Weight	~850 kg/m ³ (±200)
Water Mixture Ratio	14,00-15,00 lt water / 15 kg powder
Thermal Conductivity	T1 ≤ 0,1 W/m.K
Compressive Strength	CS I ≥ 1 N/mm ² (EN 1015-11)
Bond Strength	≥ 0,1 N/mm ² (EN 1015-12)
Capillary Water Absorption	W1: C ≤ 0,40 kg/(m ² .minute 0,5) (EN 1015-18)
Water Vapor Permeability	≤ 15
Reaction to Fire	A1
Sound Retention	17dB (TS 2382-TS 1477-TS EN 20140-10)
Pot Life	Maximum 2 hours
Full Curing Time	28 days
Consumption	4,50 kg/m ² (for 10 mm application thickness)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- Once the mixture is completed, apply the material to the surface with a steel trowel or machine and then smooth it with a cartridge.
- Make sure that the plaster is applied evenly and spread over the entire surface.
- The first coat application thickness should be between 15-20 mm.
- After the first coat has set, apply the second coat in the same way.
- Total application thickness should be 30-50 mm.
- The waiting time between coats is approximately 24 hours depending on weather conditions.
- The surface must be ruled to obtain a smooth surface.
- The surface should be moisturized for 2-3 days after application.

WARNINGS

- Do not apply in weather conditions below +5°C above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- Wait 2-3 days, depending on weather conditions, for the topcoat to be applied.
- No foreign materials such as lime, cement, gypsum etc. should be added to the prepared mortar.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 998-1



ExperTherm TR 11

COLOR OPTIONS: Grey

25
±%2 KG



CEMENT BASED, RENDER FOR THERMAL INSULATION BOARD

Cement based, single component, render for thermal insulation board containing polymer additives to improve product performance and workability.

APPLICATION AREAS

Used as surface plastering material:

- Indoors and outdoors,
- On EPS, XPS and rock wool thermal insulation boards.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Avoid application in humid, rainy, windy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- Make sure that the thermal insulation boards to be applied are well adhered to the surface.
- If there are large gaps between the boards, they should be filled with the same insulation material or PU foam.

PREPARATION OF MIXTURE

- Add 5,75-6,25 lt of clean water to 15 kg ExperTherm TR 11 poured into a clean bowl. Mix with a low speed mixer until a homogeneous and lump free mixture is obtained.
- The prepared mixture is allowed to rest for 5-10 minutes depending on the weather conditions, then mix again for 1-2 minutes and made ready for use.



**EXCELLENT
BONDING**



NO SAGGING



NO CRACKING

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement-based, polymer-added powder
Powder Density	~1,50 gr/cm ³
Granulation	1 mm plus sieve ≤1% (TS EN 1015-1)
Water Mixture Ratio	5,75-6,25 lt water / 25 kg powder
Mass per Unit Volume of Fresh Mortar	1.500 kg/m ³ (± 100)
Mass per Unit Volume of Hardened Mortar	1.250 kg/m ³ (± 200)
Pot Life	3 hours
Bond Strength to Thermal Insulation Board	≥0,08 N/mm ² (TS EN 13494)
Compressive Strength	≥6,0 N/mm ² (EN 1015-11)
Water Absorption	≤0,5 kg/(m ² .minute 05) (TS EN 1015-18)
Water Vapor Permeability (μ)	≤15 (TS EN 1015-19)
Thermal Conductivity	0,61 W/mK (TS EN 1745 - Table A12) (P50%)
Reaction to Fire	A1
Consumption	4,00-6,00 kg/m ²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The first coat of the mixed material is applied to the surface with the help of a steel trowel.
- Application thickness is 2 mm on average in a single coat.
- While the first coat of plaster is still wet, ExperBrace RM 20 reinforcing mesh is stretched and pressed over the entire surface from top to bottom and embedded into the plaster. In order to prevent cracking, the reinforcing mesh should be applied by overlapping 10 cm at the joints.
- In beams, window and door frames, the reinforcing mesh should be rotated at least 20 cm.
- Mesh corner profiles should be used in corners.
- The second coat of plaster should be applied 3-4 hours after the first coat.
- The second coat is applied in the same way with a steel trowel at an average of 2 mm.

WARNINGS

- Avoid application in humid, rainy, windy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.
- Do not apply on dilatation joints, use a dilatation profile for these sections.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS 13687



ExperTherm TB 20

COLOR OPTIONS: Grey

25
±%2 KG



CEMENT BASED ADHESIVE FOR THERMAL INSULATION BOARD

Cement based, single component adhesive for thermal insulation boards, containing polymer additives to improve product performance and workability.

APPLICATION AREAS

Used as an adhesive mortar:

- In interior and exterior facades,
- On mineral based surfaces of buildings such as cement based plaster, brick, gas concrete, exposed concrete,
- For bonding applications of EPS, XPS and rock wool thermal insulation boards.

SURFACE AND APPLICATION CONDITIONS

- The application surface must be cured.
- Ambient temperature should be between +5°C and +35°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are any damages on the surface that may affect the application, should be repaired with ExperRepair mortar 24 hours before the application.
- The application surface should be wetted and kept moist.

PREPARATION OF MIXTURE

- ExperTherm TB 20 thermal insulation board adhesive material should be added slowly into 6,00-6,50 lt clean water and mixed with a mixer at low speed until a homogeneous and lump-free mixture is obtained.
- The prepared mixture is allowed to rest for 5-10 minutes depending on the weather conditions, then mix again for 1-2 minutes and made ready for use.

APPLICATION DETAILS

- If the surface is not smooth, ExperTherm TB 20 adhesive for thermal insulation board is applied with a notched trowel on the back of the thermal insulation board and along the entire edge



**EASY TO
APPLY**



**EXCELLENT
BONDING**

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement-based, polymer-added powder
Powder Density	~ 1,50 gr/cm ³ (±0,1)
Granulation	1 mm elek üstü ≤%1 (TS EN 1015-1)
Water Mixture Ratio	6,00-6,50 lt water / 25 kg powder
Mass per Unit Volume of Fresh Mortar	1.500 kg/m ³ (±100)
Mass per Unit Volume of Hardened Mortar	1.250 kg/m ³ (±200)
Pot Life	3 hours
Crusting Time	15 minutes
Bond Strength to Substrate	≥0,5 N/mm ² (TS EN 1015-12)
Bond Strength to Thermal Insulation Board	≥0,08 N/mm ² (TS EN 13494)
Compressive Strength	≥6 N/mm ² (EN 1015-11)
Bending Strength	≥2 N/mm ² (TS EN 1015-11)
Water Absorption	At 30 minutes ; ≤5 g At 240 minutes ; ≤ 10 g (TS EN 12808-5)
Reaction to Fire	A1
Consumption	4,00-6,00 kg/m ²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

- (approx. 5 cm wide) without interruption and in 3 large pieces in the center of the board in a dotted manner and the boards are adhered by pressing them to the surface.
- If the surface is smooth, ExperTherm TB 20 thermal insulation adhesive mortar is applied on the back of the thermal insulation board with a notched trowel and the boards are adhered by pressing them to the surface.
- Make sure that at least 40% of the surface of the insulation board is covered with adhesive mortar.
- Clean the adhesive mortar overflowing from the sides of the thermal insulation boards and make sure that there are no gaps left between the boards.
- Check with a water gauge or ruler whether the plates are at the same level during the bonding
- Mixed mortar should be consumed within 3 hours.
- Doweling of the bonded boards should be started 24 hours after the bonding application.
- Plaster application can be done after 48 hours depending on weather conditions

WARNINGS

- +Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS 13566



ExperTherm DR 13

COLOR OPTIONS: White

25
±%2 KG



WHITE CEMENT BASED, MINERAL TEXTURED, DECORATIVE RENDER

White cement based, single component, polymer added, 2mm grain sized, topcoat decorative plaster mortar.

APPLICATION AREAS

Used as a topcoat decorative coating:

- In interior and exterior facades,
- On plastering and sheathing systems.

SURFACE AND APPLICATION CONDITIONS

- The application surface must be cured.
- Ambient temperature should be between +5°C and +35°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are any damages on the surface that may affect the application, should be repaired with ExperRepair mortar 24 hours before the application.
- The surface should be roughened with sandblasting and sanding operations in areas deemed necessary.
- Prior to application, the surface should be primed by applying ExperPrime AP 33.
- Wooden lightweight boards, thermal insulation boards and exposed concrete surfaces should be prepared for application by coating with exposed concrete primer. Subsequent plaster applications should be made after 24-72 hours depending on weather conditions.

PREPARATION OF MIXTURE

- ExperTherm DR 13 decorative plaster should be added slowly into 5,75-6,25 litres of clean water and mixed with a mixer at low speed until a homogenous and lump-free mixture is obtained.
- The mixture is allowed to rest for about 2-3 minutes, then mix again for a short time and made ready for application.



PERMEABLE TO
WATER VAPOR



RESISTANT TO
CLIMATE
CONDITIONS

TECHNICAL SPECIFICATIONS

Chemical Structure	White cement-based, polymer-added granular powder
Powder Density	~1,60 g/cm ³ (±0,1)
Water Mixture Ratio	5,75-6,25 lt water / 25kg powder
Grain Size	>1.500 µm (S4) (ISO EN 787-18)
Compressive Strength	CS IV ≥6 N/mm ² (EN 1015-11)
Bond Strength	≥0,5 N/mm ² (EN 1015-12)
Mass per Unit Volume of Hardened Mortar	1.500 kg/m ³ (±200)
Water Vapor Permeability	<15 (TS EN 1015-19)
Thermal Conductivity	0,55 W/mK (TS EN 1745)
Pot Life	1 hour
Reaction to Fire	A1
Full Drying Time	1-2 days
Consumption	2,80-3,00 kg/m ²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- Mixed material is applied to the surface with the help of a steel trowel.
- Make sure that the plaster is applied evenly and spread over the entire surface. Application thickness should be adjusted according to the largest aggregate.
- Interconnected surfaces should be coated in a monolithic application.
- Within 10 minutes at the latest following the application, while the material is still wet, the plaster can be textured by making circular movements with a plastic trowel.
- If it is inevitable to take a break of the application, the surfaces should be divided into areas not exceeding 20m². The splitting process should be done with the help of adhesive paper tapes and these tapes should be carefully removed after the application before the plaster dries.
- If the air temperature is high after the application is completed, the surface should be moistened until the plaster sets.

WARNINGS

- Do not apply in extreme heat or temperatures below +5°C.
- Do not apply on hot surfaces.
- Avoid application in humid, rainy, windy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.
- Do not apply on surfaces with water bleeding or salt efflorescence from the negative side.
- Do not apply directly on surfaces such as wood, metal.
- Foreign substances such as cement, sand, gypsum, lime etc. should not be added into the material.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 998-1



ExperTherm DK 15

COLOR OPTIONS: White

25
±%2 KG



WHITE CEMENT-BASED, 1.5 MM MINERAL TEXTURED, DECORATIVE PLASTER

White cement-based, single component, polymer added, 1.5 mm grain size, top coat decorative plaster mortar.

APPLICATION AREAS

- Indoors and outdoors,
- It is used as a topcoat decorative coating in plasters and sheathing systems.

SURFACE AND APPLICATION CONDITIONS

- The application surface must be cured.
- Ambient temperature should be between +5°C and +35°C.
- It should be avoided to apply in humid, rainy and high temperature weather conditions.
- It should not be applied on surfaces that are frozen, melting or where there is a risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles should be cleaned from the surface.
- If there are any damages on the surface that may affect the application, they should be repaired with ExperRepair repair mortar 24 hours before application.
- The surface should be roughened with sandblasting and sanding operations in areas deemed necessary.
- Before application, the surface should be primed by applying ExperPrime AP 33.
- Wood-based lightweight board - thermal insulation boards and exposed concrete surfaces should be prepared for application by coating with exposed concrete primer. Subsequent plaster applications should be made after 24-72 hours depending on weather conditions.

PREPARATION OF MIXTURE

- ExperTherm DK 15 decorative plaster material is added slowly into 6.50-7.00 liters of clean water and mixed with a mixer at low speed until a homogeneous and lump-free mixture is obtained.
- The mixture is left for about 2-3 minutes, then it is mixed again for a short time and make it ready for application.

APPLICATION DETAILS

- The mixed material is applied to the surface with the help of a steel trowel.



**PERMEABLE
TO WATER
VAPOR**



**RESISTANT TO
CLIMATE
CONDITIONS**



**APPLIED AT A
THICKNESS OF
1,5 MM**

TECHNICAL SPECIFICATIONS

Chemical Structure	White cement-based, polymer added, granulated powder
Powder Density	1,60 g/cm ³ (±0,1)
Water Mixing Ratio	6.50-7.00 lt water / 25kg powder
Grain Size	>1.500 µm (S4) (ISO EN 787-18)
Compressive Strength	CS IV ≥6 N/mm ² (EN 1015-11)
Bond Strength	≥0,5 N/mm ² (EN 1015-12)
Capillary Water Absorption	≤0,4 kg/m ² dk0,5 (TS EN 1015-18)
Hollow Unit Volume Weight of Hardened Mortar	1.500 kg/m ³ (±200)
Water Vapor Permeability Coefficient	<15 (TS EN 1015-19)
Thermal Conductivity	0,55 W/mK (TS EN 1745)
Pot Life	1 hours
Fire Response	A1
Full Drying Time	1-2 Days
Consumption	2,25-2,75 kg/m ²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

- Make sure that the plaster is applied to the surface in equal thickness and spread over the entire surface. Application thickness should be adjusted according to the largest aggregate.
- Interconnected surfaces should be coated in a single application.
- Within 10 minutes at the latest following the application, while the material is still wet, the plaster can be patterned by making circular movements with a plastic trowel.
- If it is inevitable to interrupt the application, the surfaces should be divided into areas not exceeding 20m². The dividing process should be done with the help of adhesive paper tapes and these tapes should be carefully removed after the application before the plaster dries.
- If the air temperature is high after the application is completed, the surface should be moistened until the plaster sets.

WARNINGS

- It should not be applied at extreme temperatures or temperatures below +5°C.
- It should not be applied to hot surfaces.
- It should be avoided to apply in humid, rainy, windy and high temperature weather conditions.
- It should not be applied on surfaces that are frozen, melting or where there is a risk of rain or frost within 24 hours.
- Do not apply on surfaces with water or salt vomiting from the negative side.
- Do not apply directly on surfaces such as wood, wood, metal.
- Foreign substances such as cement, sand, gypsum, lime etc. should not be added into the material.

STORAGE AND SHELF LIFE

- It should be stored in its unopened original package, in a closed, moisture-free, dry environment protected from frost. The products should not be overloaded in a way that would damage their packaging.
- Shelf life under proper storage conditions is 12 months from the date of manufacture.

REFERENCE STANDARDS: TS EN 998-1

ExperPlaster AD 20

COLOR OPTIONS: White, Grey, Light Grey, Beige Red, Ivory
Please consult for special colors.

25
±%2 KG



PERMEABLE TO
WATER VAPOR



DECORATIVE
APPEARANCE



EASY TO
APPLY

TECHNICAL SPECIFICATIONS

Chemical Structure	Colored, Acrylic emulsion
Density	~1,56 g/cm ³ (±0,1)
Grain Size	S3
Drying time	6-24 hours
Dry Film Thickness	E5
Water Vapor Permeability	V1
Water Transfer Rate	W3
CO ² Permeability	C0
Fire Response	A1
Full Drying Time	1-2 days
Consumption	2,40-2,60 kg/m ²

* All technical values are calculated at +23°C and 50% relative humidity.
Changes in temperature and humidity change the technical values.

ACRYLIC EMULSION BASED, SINGLE COMPONENT, READY-TO-USE COLORED, DECORATIVE PLASTER

It is an acrylic emulsion based, one component, silicone added, ready to use colored, exterior decorative plaster material.

APPLICATION AREAS

- On exteriors,
 - On vertical surfaces only
 - On sheathing systems and cement based plasters,
 - After primer application on exposed concrete and gas concrete surfaces,
- It is used as a topcoat decorative coating.

SURFACE AND APPLICATION CONDITIONS

- The application surface must be cured.
- Ambient temperature should be between +5°C and +30°C.
- It should be avoided to apply in humid, rainy and high temperature weather conditions.
- It should not be applied on surfaces that are frozen, melting or where there is a risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles should be cleaned from the surface.
- Prior to the application, ExperPrime AE 31 should be primed by applying ExperPrime AP 33 according to the surface structure. Subsequent plaster applications should be done after at least 12 hours, depending on the weather conditions.
- Before the applications to be made on large surfaces, 20 m² areas should be determined with paper tapes in order to prevent joint formation and to ensure that the color transitions are compatible.

PREPARATION OF MIXTURE

- ExperPlaster AD 20 decorative plaster material is ready to use. No additives or thinning is required.
- ExperPlaster AD 20 should be mixed thoroughly until it becomes homogeneous.

APPLICATION DETAILS

- ExperPlaster AD 20 can be applied to the surface with a steel or plastic trowel.
- Make sure that the plaster is applied to the surface in equal thickness and spread over the entire surface. Application thickness should be adjusted according to the largest aggregate.
- During the application, the surface should be patterned by applying circular movements with the help of a trowel.
- Adhesive tapes should be carefully removed from the surface before the plaster hardens.

WARNINGS

- It should not be applied at extreme temperatures or temperatures below +5°C.
- It should not be applied to hot surfaces.
- It should be avoided to apply in humid, rainy, windy and high temperature weather conditions.
- It should not be applied on surfaces that are frozen, melting or where there is a risk of rain or frost within 24 hours.
- It is not applied on horizontal and inclined surfaces below 45 degrees.
- In order to avoid color tone differences, care should be taken to use products with the same production lot and production date on each facade.

STORAGE AND SHELF LIFE

- It should be stored in its unopened original package, in a closed, moisture-free, dry environment protected from frost. The products should not be overloaded in a way that would damage their packaging.
- Shelf life under proper storage conditions is 12 months from the date of manufacture.

REFERENCE STANDARDS: TS 7847

ExperPlaster AG 21

COLOR OPTIONS: White, Grey, Light Grey, Beige Red, Ivory
Please consult for special colors.

25
±%2 KG



PERMEABLE TO
WATER VAPOR



DECORATIVE
APPEARANCE



EASY TO
APPLY

TECHNICAL SPECIFICATIONS

Chemical Structure	Colored, Acrylic emulsion
Density	~1,56 g/cm ³ (±0,1)
Grain Size	S3
Drying time	6-24 hours
Dry Film Thickness	E5
Water Vapor Permeability	V1
Water Transfer Rate	W3
CO ² Permeability	C0
Fire Response	A1
Full Drying Time	1-2 days
Consumption	2,40-2,60 kg/m ²

* All technical values are calculated at +23°C and 50% relative humidity.
Changes in temperature and humidity change the technical values.

ACRYLIC EMULSION BASED, SINGLE COMPONENT, GRAINY, READY-TO-USE COLORED EXTERIOR COATING

It is an acrylic emulsion based, one component, silicone added, grainy, ready-to-use colored, decorative exterior coating.

APPLICATION AREAS

- On exteriors,
 - On vertical surfaces only
 - On sheathing systems and cement based plasters,
 - After primer application on exposed concrete and gas concrete surfaces,
- It is used as a topcoat decorative coating.

SURFACE AND APPLICATION CONDITIONS

- The application surface must be cured.
- Ambient temperature should be between +5°C and +30°C.
- It should be avoided to apply in humid, rainy and high temperature weather conditions.
- It should not be applied on surfaces that are frozen, melting or where there is a risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles should be cleaned from the surface.
- Prior to the application, ExperPrime AE 31 should be primed by applying ExperPrime AP 33 according to the surface structure. Subsequent plaster applications should be done after at least 12 hours, depending on the weather conditions.
- Before the applications to be made on large surfaces, 20 m² areas should be determined with paper tapes in order to prevent joint formation and to ensure that the color transitions are compatible.

PREPARATION OF MIXTURE

- ExperPlaster AG 21 decorative plaster material is ready to use. No additives or thinning is required.
- ExperPlaster AG 21 should be mixed thoroughly until it becomes homogeneous.

APPLICATION DETAILS

- ExperPlaster AG 21 can be applied to the surface with the help of a lambskin paint roller or a coral roller.
- Make sure that the plaster is applied to the surface in equal thickness and spread over the entire surface.

- While ExperPlaster AG 21 is still wet, pattern should be applied from top to bottom with a coral roller.
- When starting the application, the coral roller should be saturated with the material, but care should be taken not to overfill the roller so that the pattern is not distorted.
- After the application, the adhesive tapes should be carefully removed from the surface before ExperPlaster AG 21 hardens yet.

WARNINGS

- It should not be applied at extreme temperatures or temperatures below +5°C.
- It should not be applied to hot surfaces.
- It should be avoided to apply in humid, rainy, windy and high temperature weather conditions.
- It should not be applied on surfaces that are frozen, melting or where there is a risk of rain or frost within 24 hours.
- Since drying will be quick in windy and hot weather, areas that can be finished in the first place should be selected, taping should be done and serial application should be completed without interruption in order to prevent the formation of joints when applying on large surfaces.
- It is not applied on horizontal and inclined surfaces below 45 degrees.
- In order to avoid color tone differences, care should be taken to use products with the same production lot and production date on each facade.

STORAGE AND SHELF LIFE

- It should be stored in its unopened original package, in a closed, moisture-free, dry environment protected from frost. The products should not be overloaded in a way that would damage their packaging.
- Shelf life under proper storage conditions is 12 months from the date of manufacture.

REFERENCE STANDARDS: TS 7847



Plastering and Masonry Mortars

Obtain plain and smooth surfaces with cement-based, single-component plastering and knitting mortars that you can use on the interior and exterior of buildings.



ExperPlaster CP 10

COLOR OPTIONS: Grey, White

25
±%2 KG



CEMENT BASED, COARSE PLASTER

Cement based, single component, coarse plastering material that can be applied to interior and exterior facades by hand or machine.

APPLICATION AREAS

Used as coarse plastering material:

- Indoors and outdoors,
- On walls and ceilings,
- On surfaces such as concrete, exposed concrete, pumice block, gas concrete, brick and briquette.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Avoid application in humid, rainy, windy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be cured, clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are any damages on the surface that may affect the application, should be repaired with ExperRepair mortar.
- The surface should be moisturised before application, ExperPrime AP 33 or ExperPrime CP 50 primer should be applied on highly absorbent surfaces such as exposed concrete.
- In large area applications, plaster strips should be formed by using levelling laths and plaster profiles should be used at the corners.

PREPARATION OF MIXTURE

- ExperPlaster CP 10 coarse plaster should be added slowly into 4,50-5,00 litres of clean water and mixed with a mixer at low speed until a homogenous and lump-free mixture is obtained.
- The prepared mixture is allowed to rest for 5-10 minutes depending on the weather conditions, then mix again for 1-2 minutes and made ready for use.



**EXCELLENT
BONDING**



NO SAGGING



NO CRACKING

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based powder
Water Mixture Ratio	4,50-5,00 lt water / 25 kg powder
Pot Life	2-3 hours
Compressive Strength	CS IV ≥ 6 N/mm ² (EN 1015-11)
Bond Strength	$\geq 0,2$ N/mm ² (EN 1015-12)
Mass per Unit Volume of Hardened Mortar	1.500 kg/m ³ (± 200)
Capillary Water Absorption and Water Permeability	W1; C $\leq 0,40$ kg/(m ² .min0,5) (EN 1015-18)
Water Vapor Permeability (μ)	≤ 25 (EN 1015-19)
Average Thermal Conductivity, W/m.K ($\lambda_{10,dry}$)	$\leq 0,80$
Reaction to Fire	A1
Time to Taking into Service	24 saat
Consumption	14,00-16,00 kg/m ² (for 1 cm thickness)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The mixed material is applied to the surface with a trowel if it is to be applied by hand or with a spraying machine if it is to be applied by machine.
- After application, the surface should be levelled with a gage lath.
- Application thickness should be minimum 10 mm and maximum 25 mm in a single coat. For applications over 25 mm, 2 coats (maximum 25 mm) should be applied and the waiting time between coats should be 24 hours.
- The plaster should be leveled with a trowel immediately just after it starts to harden.
- Plaster mesh should be used to prevent cracking at the joints of different structural elements.
- Within 7 days following the application, the surface should be moisturised at certain intervals depending on the ambient conditions.

WARNINGS

- Avoid application in humid, rainy, windy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.
- Do not apply directly on surfaces such as wood, metal.
- Foreign substances such as cement, sand, gypsum, lime etc. should not be added into the material.
- Wait at least 10 days for the applications on ExperPlaster CP 10 depending on the ambient temperature.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 998-1



ExperPlaster FP 11

COLOR OPTIONS: Grey, White

25
±%2 KG



**EXCELLENT
BONDING**



**PROVIDES SMOOTH
SURFACE**

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement-based, polymer-added fine powder
Powder Density	~ 1,55 g/cm ³ (±0,1)
Water Mixture Ratio	5,50-6,00 lt water / 25 kg powder
Mass per Unit Volume of Hardened Mortar	1.500 kg/m ³ (±200)
Compressive Strength	CS IV; ≥6 N/mm ² (EN 1015-11)
Bond Strength	≥0,4 N/mm ²
Capillary Water Absorption	W0
Water Vapor Permeability (μ)	≤ 25 (EN 1015-19)
Reaction to Fire	A1
Consumption	1,50-1,70 kg/m ² (for 1 mm thickness)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

CEMENT BASED, FINE PLASTER

Cement based, single component fine plastering material applied by hand on coarse plaster on interior and exterior facades.

APPLICATION AREAS

Used as a fine plastering material:

- Indoors and outdoors,
- On walls and ceilings,
- To obtain a smooth surface on concrete and exposed concrete and coarse plastered surfaces.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Avoid application in humid, rainy, windy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are any damages on the surface that may affect the application, should be repaired with ExperRepair mortar.
- The surface should be moistened before application; ExperPrime AE 31 primer should be applied on highly absorbent surfaces such as exposed concrete and ExperPrime AP 33 primer should be applied on plaster top applications.

PREPARATION OF MIXTURE

- ExperPlaster FP 11 fine plaster should be added slowly into 5,50-6,00 litres of clean water and mixed with a mixer at low speed until a homogenous and lump-free mixture is obtained.
- The prepared mixture is allowed to rest for 5-10 minutes depending on the weather conditions, then mix again for 1-2 minutes and made ready for use.

APPLICATION DETAILS

- The mixed material is applied to the surface with a trowel if it is to be applied by hand or with a spraying machine if it is to be applied by machine.
- After application, the surface should be levelled with a gage lath.
- Application thickness should be minimum 3mm and maximum 7mm in a single coat. For applications over 7mm, 2 coats should be applied and the waiting time between coats should be 24 hours.
- The plaster should be leveled with a trowel immediately just after it starts to harden.
- Plaster mesh should be used to prevent cracking at the joints of different structural elements.
- Within 7 days following the application, the surface should be moisturised at certain intervals depending on the ambient conditions.

WARNINGS

- Avoid application in humid, rainy, windy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.
- Do not apply directly on surfaces such as wood, metal.
- Foreign substances such as cement, sand, gypsum, lime etc. should not be added into the material.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 998-1



ExperPlaster SP 12

COLOR OPTIONS: White

20
±%2 KG



WHITE CEMENT BASED, SATIN PLASTER

White cement based, single component, polymer added, satin plastering material, applied by hand on coarse/fine plaster on exterior and interior facades.

APPLICATION AREAS

Used as a topcoat plastering material:

- Indoors and outdoors,
- On walls and ceilings,
- Concrete and exposed concrete and coarse/fine plastered surfaces,
- To obtain a smooth and even surface before painting.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Avoid application in humid, rainy, windy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- The application surface must be clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are any damages on the surface that may affect the application, should be repaired with ExperRepair mortar.
- The surface should be moistened before application; ExperPrime AE 31 primer should be applied on highly absorbent surfaces such as exposed concrete and ExperPrime AP 33 primer should be applied on plaster top applications.

PREPARATION OF MIXTURE

- ExperPlaster SP 12 satin plaster should be added slowly into 7,00-8,00 lt of clean water and mixed with a mixer at low speed until a homogeneous and lump-free mixture is obtained.
- The prepared mixture is allowed to rest for 5-10 minutes depending on the weather conditions, then mix again for 1-2 minutes and made ready for use.
- The prepared mixture should be consumed within 2-3 hours.



PROVIDES
SMOOTH
SURFACE



RESISTANT TO
MOISTURE
AND HUMIDITY

TECHNICAL SPECIFICATIONS

Chemical Structure	White cement-based, polymer-added powder
Powder Density	~ 1,35 g/cm ³ (±0,1)
Water Mixture Ratio	7,00-8,00 lt water / 20 kg powder
Mass per Unit Volume of Hardened Mortar	1.400 kg/m ³ (±200)
Compressive Strength	CS III; 3,50-7,50 N/mm ² (EN 1015-11)
Bond Strength	≥0,4 N/mm ²
Capillary Water Absorption	W0
Water Vapor Permeability (μ)	≤25 (EN 1015-19)
Pot Life	1 hours
Touch Duration	4 hours
Full Drying Time	24 hours
Reaction to Fire	A1
Consumption	1,00-1,20 kg/m ² (for 1 mm thick application)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The mixed material is applied to the surface with the help of a steel trowel. Make sure that it is applied with equal thickness to each area on the surface.
- Application thickness should be maximum 3mm. If the application is to be made in two coats the waiting time between the two coats should be 2-3 hours.
- The plaster should be leveled with a trowel immediately just after it starts to harden.
- After application, wait 6-12 hours depending on the conditions and then moisturize the surface. This moisturizing process should be done for 2 days.
- After complete drying, the surface should be sanded to make it perfectly smooth before paint application.

WARNINGS

- Avoid application in humid, rainy, windy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.
- Do not apply directly on surfaces such as wood, metal.
- Foreign substances such as cement, sand, gypsum, lime etc. should not be added into the material.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 998-1

ExperWall CM 20

COLOR OPTIONS: Grey

25
±%2 KG



CEMENT BASED, PUMICE ADDED MASONRY MORTAR

Cement based, single component, high quality granulometric pumice and various environmentally friendly chemical additives added, masonry mortar for interior and exterior spaces with high water impermeability coefficient.

APPLICATION AREAS

Used as a masonry mortar:

- Indoors and outdoors,
- During the application of building elements such as pumice block, stone, brick, briquette, gas concrete, natural stone etc.

SURFACE AND APPLICATION CONDITIONS

- Ambient temperature should be between: +5°C and +35°C.
- Make sure that conditions such as frost, rain, strong winds and high temperatures are not present.

SURFACE PREPARATION

- The application surface should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence.

PREPARATION OF MIXTURE

- Using a scale, pour 6,00-6,50 liters of clean water into a clean mixing bowl.
- Slowly add ExperWall CM 20 to the bowl filled with water and mix with a low speed mixer until a homogeneous and lump free mixture is obtained.
- The mixture is allowed to rest for approximately 10 minutes, then mix again for 1-2 minutes and made ready for application.



EASY TO
APPLY



RESISTANT TO
CLIMATE
CONDITIONS

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based, pumice added powder
Dry Unit Weight	~850-950 g/cm ³
Granulation	0-2 mm
Mixture Ratio	6,00-6,50 lt water / 25 kg powder
Pot Life	~1-2 saat
Compressive Strength	M5; ≥5 N/mm ² (EN 1015-11)
Bond Strength	≥0,3 N/mm ²
Capillary Water Absorption	0,4 kg/m ²
Water Vapor Permeability	5-35 (EN 1015-19)
Chloride Content	≤%0,10
Mass per Unit Volume of Hardened Mortar	1.000 (±200) (EN 1015-10)
Thermal Conductivity	≤0,33 W/mK (EN 1745)
Drying Time	24 hours
Consumption	3,00-3,50 kg/m ²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The mixed mortar is applied to the surface with a trowel or a 10x10x10 mm wide notched trowel. Make sure that the mortar is applied over the entire surface.
- The bounded blocks should be fixed by ramming from the top and side.
- The bottom and side surfaces of the gas concrete blocks, which will be applied in the first row, are wetted with water and then the masonry process is started. It is not necessary to wet the gas concrete blocks during the laying of subsequent rows.
- Bonding should be done on the notched mortar within 5-10 minutes at the latest.
- The mixture in the bowl should be consumed within 1 hour.

WARNINGS

- Do not apply in weather conditions below +5°C above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 998-2



ExperWall CG 21

COLOR OPTIONS: Grey

25
±%2 KG



CEMENT BASED, GAS CONCRETE MASONRY MORTAR

Cement based, single component, polymer added, high performance, gas concrete masonry mortar.

APPLICATION AREAS

- Indoors and outdoors,
- It is used for bonding building elements with high water absorption rate such as gas concrete and bricks.

SURFACE AND APPLICATION CONDITIONS

- Ambient temperature should be between: +5°C and +35°C.
- Make sure that conditions such as frost, rain, strong winds and high temperatures are not present.

SURFACE PREPARATION

- The application surface should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence.

PREPARATION OF MIXTURE

- Using a scale, pour 5,75-6,25 liters of clean water into a clean mixing bowl.
- Slowly add ExperWall CG 21 to the bowl filled with water and mix with a low speed mixer until a homogeneous and lump free mixture is obtained.
- The mixture is allowed to rest for approximately 5-10 minutes, then mix again for 1-2 minutes and made ready for application.
- The adhesive should be spread over the entire surface, combed with a 10x10x10 mm comb and applied with the same thickness.



EASY TO
APPLY



RESISTANT TO
CLIMATE
CONDITIONS

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement-based, polymer-added powder
Powder Density	1,50 g/cm ³ (± 0,1)
Mixture Ratio	5,75-6,25 lt water / 25 kg powder
Pot Life	1-2 hours
Compressive Strength	M5; ≥5 N/mm ² (EN 1015-11)
Bond Strength	≥0,3 N/mm ²
Capillary Water Absorption	0,40 kg/m ²
Water Vapor Permeability	≤25 (EN 1015-19)
Chloride Content	≤0,10
Mass per Unit Volume of Hardened Mortar	1.350 (±150) (EN 1015-10)
Thermal Conductivity	≤0,47 W/mK (EN 1745)
Consumption	4,00-6,00 kg/m ²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The mixed mortar is applied to the surface with a trowel or a 10x10x10 mm wide notched trowel. Make sure that the mortar is applied over the entire surface.
- Horizontal and vertical joints should be maximum 3 mm.
- The bounded blocks should be fixed by ramming from the top and side.
- The bottom and side surfaces of the gas concrete blocks, which will be applied in the first row, are wetted with water and then the masonry process is started. It is not necessary to wet the gas concrete blocks during the laying of subsequent rows.
- Bonding should be done on the combed mortar within 10-15 minutes.

WARNINGS

- Do not apply in weather conditions below +5°C above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 998-2



ExperWall SV 35

COLOR OPTIONS: White



WHITE CEMENT-BASED JAMB ADHESIVE MORTAR

Cement-based, polymer-added, EPS-structured adhesive material for bonding jambs, plasterboard and light decorative coatings to the surface

APPLICATION AREAS

- It is used for fixing jambs, plasterboard and all light coatings to the surface in interior and exterior spaces.

SURFACE AND APPLICATION CONDITIONS

- Ambient temperature: should be between 5°C and +35°C.
- It should be ensured that conditions such as frost, precipitation, high winds and high temperatures are not present.

SURFACE PREPARATION

- The application surface should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence.

PREPARATION OF MIXTURE

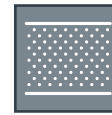
- Using a scale, 6.60-6.80 liters of clean water is poured into a clean mixing container.
- ExperWall SV 35 is slowly added to the container filled with water and mixed with a low speed mixer until a homogeneous and lump free mixture is obtained.
- The mixture is left to rest for approximately 3-4 minutes and then it is mixed again for 1-2 minutes to make it ready for application.



PROVIDES HIGH
BONDING



HIGH
FLEXIBILITY



FINE FILLER
STRUCTURE

TECHNICAL SPECIFICATIONS

Chemical Structure	White cement-based, polymer-added powder
Powder Density	1,30 g/cm ³ (± 0,1)
Mixing Ratio	6,60-6,80 lt su / 20 kg toz
Hollow Unit Volume Weight of Hardened Mortar	1.350 (±150) (EN 1015-10)
Compressive Strength	M5; ≥5 N/mm ² (EN 1015-11)
Bond Strength	≥0,4 N/mm ²
Capillary Water Absorption	0,40 kg/m ²
Water Vapor Permeability	≤25 (EN 1015-19)
Pot Life	1-2 hours
Chloride Content	≤%0,10
EPS/XPS Tensile Strength	≥0,08 N/mm ²
Thermal Conductivity	≤0,47 W/mK (EN 1745)
Consumption	4,00-6,00 kg/m ²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The mixed jamb mortar is applied to the surface with the help of a trowel or notched trowel. It should be ensured that the mortar is applied over the entire surface.
- The adhered coating should be fixed with a rubber mallet from the top and side.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, at risk of freezing within 24 hours, in conditions that may prevent application or damage the surface after application.

STORAGE AND SHELF LIFE

- It should be stored in its unopened original package, in a closed, moisture-free, dry environment protected from frost. The products should not be overloaded in a way that would damage their packaging.
- Shelf life under proper storage conditions is 12 months from the date of manufacture.

REFERENCE STANDARDS: TS EN 998-2

ExperWall DY 25

COLOR OPTIONS: Grey

25
±%2 KG



CEMENT BASED WALL MASONRY MORTAR

Cement based masonry mortar used for fixing masonry elements such as brick, pumice, and stone.

APPLICATION AREAS

- It is used for fixing brick, iso brick, pumice and stone masonry elements indoors and outdoors.

SURFACE AND APPLICATION CONDITIONS

- Ambient temperature: should be between 5°C and +35°C.
- It should be ensured that conditions such as frost, precipitation, high winds and high temperatures are not present.

SURFACE PREPARATION

- The surface of the masonry elements to be applied should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence.
- No foreign ingredients should be added to the prepared material.

PREPARATION OF MIXTURE

- Using a scale, 4.25-4.75 liters of clean water is poured into a clean mixing container.
- ExperWall DY 25 is slowly added to the container filled with water and mixed with a low-speed mixer until a homogeneous and lump free mixture is obtained.
- The mixture is left to rest for approximately 4-5 minutes and then it is mixed again for 1-2 minutes to make it ready for application.



EASY TO
APPLY



RESISTANT
TO CLIMATE
CONDITIONS



PROVIDES
HIGH BONDING

TECHNICAL SPECIFICATIONS

Chemical Structure	White cement-based, polymer-added powder
Powder Density	1,50 g/cm ³ (± 0,1)
Mixing Ratio	4.25-4.75 lt water / 25 kg powder
Pot Life	1-2 hours
Compressive Strength	M5; ≥5 N/mm ² (EN 1015-11)
Bond Strength	≥0,4 N/mm ²
Capillary Water Absorption	0,40 kg/m ²
Water Vapor Permeability	≤25 (EN 1015-19)
Chloride Content	≤%0,10
Hollow Unit Volume Weight of Hardened Mortar	1.700 (±200) (EN 1015-10)
Thermal Conductivity	≤0,47 W/mK (EN 1745)
Consumption	13-21 kg/m ² depending on the size of masonry elements.

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The finished masonry mortar is applied on the vertical sides of the masonry element with the help of a trowel.
- The adhered masonry element should be fixed with a rubber mallet from the top and side.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, at risk of freezing within 24 hours, in conditions that may prevent application or damage the surface after application.

STORAGE AND SHELF LIFE

- It should be stored in its unopened original package, in a closed, moisture-free, dry environment protected from frost. The products should not be overloaded in a way that would damage their packaging.
- Shelf life under proper storage conditions is 12 months from the date of manufacture.

REFERENCE STANDARDS: TS EN 998-2



Repair and Structural Technical Mortars

Restore solidity by safely applying Experas repair mortars to horizontal and vertical surfaces that have become deformed over time, both indoors and outdoors.



ExperRepair MF 10

COLOR OPTIONS: Grey

25
±%2 KG



CEMENT BASED, FINE REPAIR MORTAR (R2)

Cement based, single component, polymer-added, fine aggregate, R2 class repair mortar developed for the repair of static cracks up to 5mm.

APPLICATION AREAS

Used for repair purposes:

- Indoors and outdoors,
- Horizontal and vertical applications,
- On exposed concrete and cement based plastered surfaces,
- Repair of concrete and precast concrete elements,
- Repair and smoothing of wall and ceiling plasters,
- Restoration applications,
- Before granite and ceramic applications,
- Repair of static cracks up to 5 mm.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- Surface bearing and stability should be checked to ensure that the surface is solid and clean.
- The application surface must be clean, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- Rusts on the reinforcement should be removed with a wire brush.
- The application surface should be wetted and kept moist.

PREPARATION OF MIXTURE

- ExperRepair MF 10 is placed in a clean mixing bowl. Then, 4,00-4,50 lt of clean water to be used for the mixture should be added to the bowl slowly and mixed with the help of a mixer (400-600 rpm) until a homogeneous and lump-free mixture is obtained.
- The prepared mixture should be rested for 2-3 minutes before application.



RESISTANT TO
THERMAL SHOCKS



FOR STATIC
CRACKS UP TO
5MM

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based, polymer-added fine powder
Mortar Density	2,00 g/cm ³ (±0,1)
Mixture Ratio	4,00-4,50 lt water / 25 kg powder
Pot Life	~60 minutes
Application Thickness	1-5 mm
Thickness That Can Be Applied At One Time	1,5 mm
Bond Strength to Substrate	≥1 N/mm ²
Compressive Strength	Day 1: ≥5 N/mm ² Day 28: ≥20 N/mm ²
Bending Strength	Day 1: ≥2 N/mm ² Day 28: ≥5 N/mm ²
Soluble Chlorine Content	≤% 0,05
Reaction to Fire	A1
Consumption	1,90-2,10 kg/m ² (for 1 mm application thickness)

* All technical values are calculated at +23°C and 50% relative humidity.
Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The mixed material is applied to the surface with a trowel.
- Maximum 1,5 mm should be applied at one time.
- If an application thicker than 1,5 mm is to be made, wait 3 hours between coats and moisturize the surface before applying a new coat.
- Surface smoothing is done with a plastic trowel or damp sponge.
- The surface should be moisturized for 2-3 days after application.

• WARNINGS

- Do not apply in weather conditions below +5°C and above +30°C.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- Do not apply on surfaces such as stone, gas concrete, plaster, old painted surfaces.
- Do not add water to the hardening mortar.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 1504-3/R2 Class



ExperRepair MC 11

COLOR OPTIONS: Grey

25
±%2 KG



CEMENT BASED, COARSE REPAIR MORTAR (R2)

Cement based, single component, polymer-added, coarse aggregate, R2 class repair mortar developed for the repair of static cracks up to 20mm.

APPLICATION AREAS

Used for repair purposes:

- Indoors and outdoors,
- Horizontal and vertical applications,
- On exposed concrete and cement based plastered surfaces,
- Repair of concrete and precast concrete elements,
- Repair and smoothing of wall and ceiling plasters,
- Restoration applications,
- Before granite and ceramic applications,
- Repair of static cracks up to 20 mm.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- Surface bearing and stability should be checked to ensure that the surface is solid and clean.
- The application surface must be clean, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- Rusts on the reinforcement should be removed with a wire brush.
- The application surface should be wetted and kept moist.

PREPARATION OF MIXTURE

- ExperRepair MC 11 is placed in a clean mixing bowl. Then, 3,50-4,00 liters of clean water to be used for the mixture should be added to the bowl slowly and mixed with the help of a mixer (400-600 rpm) until a homogeneous and lump-free mixture is obtained.
- The prepared mixture should be rested for 2-3 minutes before application.



RESISTANT TO
THERMAL SHOCKS



FOR STATIC
CRACKS UP TO
20MM

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based, polymer-added coarse powder
Mortar Density	2,00 g/cm ³ (±0,1)
Mixture Ratio	3,50-4,00 lt water / 25 kg powder
Pot Life	~60 minutes
Application Thickness	5-20 mm
Bond Strength to Substrate	≥1 N/mm ²
Compressive Strength	Day 1: ≥5 N/mm ² Day 28: ≥20 N/mm ²
Bending Strength	Day 1: ≥2 N/mm ² Day 28: ≥5 N/mm ²
Soluble Chlorine Content	≤% 0,05
Reaction to Fire	A1
Consumption	1,90-2,10 kg/m ² (for 1 mm application thickness)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The mixed material is applied to the surface with a trowel.
- Maximum 1,5 mm should be applied at one time.
- If multiple coats are to be applied, wait 3 hours between coats and moisturize the surface before applying a new coat.
- The surface should be leveled after at least 2 hours and if a very smooth surface is desired, a plastic trowel or damp sponge should be used for smoothing.
- The surface should be moisturized for 2-3 days after application.

WARNINGS

- Do not apply in weather conditions below +5°C and above +30°C.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- Do not apply on surfaces such as stone, gas concrete, plaster, old painted surfaces.
- Do not add water to the hardening mortar.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 1504-3/R2 Class

ExperRepair SM 12

COLOR OPTIONS: Grey

25
±%2 KG



CEMENT BASED, NON-SHRINKAGE STRUCTURAL REPAIR MORTAR (R3)

Cement based, single component, polymer and fiber added, high strength, R3 class, non-shrinkage, thixotropic, structural repair mortar.

APPLICATION AREAS

Used as filler and repair mortar:

- Indoors and outdoors,
- Horizontal and vertical applications,
- Repair and leveling applications of concrete and reinforced concrete structural elements requiring high strength,
- Filling the gaps between old and new concrete,
- Filling of rod holes and core cavities,
- In chamfer applications before waterproofing applications.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- Surface bearing and stability should be checked to ensure that the surface is solid and clean.
- The application surface must be clean, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- Rusts on the reinforcement should be removed with a wire brush.
- The application surface should be wetted and kept moist.

PREPARATION OF MIXTURE

- ExperRepair SM 12 is placed in a clean mixing bowl. Then, 4,00-4,50 liters of clean water to be used for the mixture should be added to the bowl slowly and mixed with the help of a mixer (400-600 rpm) until a homogeneous and lump-free mixture is obtained.
- The prepared mixture should be rested for 2-3 minutes before application.



DOES NOT
SHRINK



HIGH COMPRESSIVE
STRENGTH

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based, polymer and fiber-added powder
Mortar Density	2,05 g/cm ³ (±0,1)
Mixture Ratio	4,00-4,50 lt water / 25 kg powder
Pot Life	~25 minutes
Application Thickness	5-40 mm (for local repairs)
Bond Strength to Substrate	≥1,5 N/mm ² (EN 1542)
Compressive Strength	Day 1: ≥11 N/mm ² (EN 12190) Day 7: ≥25 N/mm ² (EN 12190) Day 28: ≥35 N/mm ² (EN 12190)
Bending Strength	≥7 N/mm ² (EN 12190)
Soluble Chlorine Content	≤% 0,05
Reaction to Fire	A1
Consumption	1,90-2,10 kg/m ² (for 1 mm application thickness)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The mixed material is applied to the surface with a trowel.
- If necessary, the second coat should be applied in the same way.
- The thickness should be maximum 10 mm for surface smoothing applications and maximum 40 mm for chamfer applications.
- The surface should be moisturized for 2-3 days after application.

WARNINGS

- Do not apply in weather conditions below +5°C and above +30°C.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- Do not apply on surfaces such as stone, gas concrete, plaster, old painted surfaces.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 1504-3/R3 Class

ExperRepair SM 13

COLOR OPTIONS: Grey

25
±%2 KG



CEMENT BASED, SULPHATE RESISTANT, NON-SHRINKAGE STRUCTURAL REPAIR MORTAR (R4)

Cement based, single component, polymer and fiber added, coarse aggregated, high strength, sulphate resistant, R4 class, non-shrinkage, thixotropic, structural repair mortar.

APPLICATION AREAS

Used as filler and repair mortar:

- Indoors and outdoors,
- Horizontal and vertical applications,
- Repair and leveling applications of concrete and reinforced concrete structural elements requiring high strength,
- Especially in subsoil, above ground and underwater soils where sulphate resistance is required,
- Filling the gaps between old and new concrete,
- Filling of rod holes and core cavities,
- In chamfer applications before waterproofing applications.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- Surface bearing and stability should be checked to ensure that the surface is solid and clean.
- The application surface must be clean, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- Rusts on the reinforcement should be removed with a wire brush.
- The application surface should be wetted and kept moist.

PREPARATION OF MIXTURE

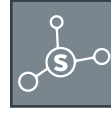
- ExperRepair SM 13 is placed in a clean mixing bowl. Then, 3,75-4,25 liters of clean water to be used for the mixture should be added to the bowl slowly and mixed with the help of a mixer (400-600 rpm) until a homogeneous and lump-free mixture is obtained.
- The prepared mixture should be rested for 2-3 minutes before application.



DOES NOT
SHRINK



HIGH COMPRESSIVE
STRENGTH



RESISTANT TO
SULPHATE

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based, polymer and fiber-added powder
Harç Yoğunluğu	2,05 g/cm ³ (±0,1)
Mixture Ratio	3,75-4,25 lt water / 25 kg powder
Pot Life	~25-30 minutes
Application Thickness	5-40 mm (for local repairs)
Bond Strength to Substrate	≥2 N/mm ² (EN 1542)
Compressive Strength	Day 1: ≥20 N/mm ² (EN 12190) Day 7: ≥45 N/mm ² (EN 12190) Day 28: ≥60 N/mm ² (EN 12190)
Bending Strength	≥8 N/mm ² (EN 12190)
Soluble Chlorine Content	≤% 0,05
Reaction to Fire	A1
Consumption	1,90-2,10 kg/m ² (for 1 mm application thickness)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The mixed material is applied to the surface with a trowel.
- If necessary, the second coat should be applied in the same way.
- The thickness should be maximum 10 mm for surface smoothing applications and maximum 40 mm for chamfer applications.
- The surface should be moisturized for 2-3 days after application.

WARNINGS

- Do not apply in weather conditions below +5°C and above +30°C.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- Do not apply on surfaces such as stone, gas concrete, plaster, old painted surfaces.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 1504-3/R4 Class



ExperRepair GF 14

COLOR OPTIONS: Grey

25
±%2 KG



CEMENT BASED, NON-SHRINKAGE, FLOWABLE, GROUT AND ANCHORING MORTAR (R4)

Cement based, single component, high strength, R4 class, non-shrinkage, flowable grout and anchoring mortar.

APPLICATION AREAS

Used as repair, assembly and filling mortar:

- Indoors and outdoors,
- On horizontal surfaces,
- In cases where access to the application surface is difficult,
- In prefabricated structures, machine and crane mounting bases, foundation sockets which are exposed to dynamic effects and require high strength, in the manufacture of curtain and column heads, in fixing steel columns to the foundation.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- Surface bearing and stability should be checked to ensure that the surface is solid and clean.
- The application surface must be clean, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- The application surface should be wetted and kept moist.
- ExperRepair GF 14 mortar to be applied should be placed in a rectangular cavity with perpendicular vertical sides and a depth of at least 6mm. The application surface should be prepared accordingly.
- If it is intended to be used as a coating, the maximum recommended thickness is 50mm.

PREPARATION OF MIXTURE

- ExperRepair GF 14 should be added slowly to water (3,50-4,00 lt) placed in a clean mixing bowl (20-25°C) and mixed with a low speed mixer (400-600 rpm) until a homogeneous and lump-free mixture is obtained (3-4 minutes).
- The prepared mixture should be rested for 2 minutes before application.



DOES NOT
SHRINK



HIGH COMPRESSIVE
STRENGTH



FLOWABLE

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based, polymer and fiber-added powder
Mortar Density	2,20 g/cm³ (±0,1)
Mixture Ratio	3,50-4,00 lt water / 25 kg powder
Pot Life	~30 minutes
Application Thickness	10-110 mm (for local repairs)
Compressive Strength to Substrate	Day 1: ≥25 N/mm² (EN 12190) Day 7: ≥50 N/mm² (EN 12190) Day 28: ≥60 N/mm² (EN 12190)
Bending Strength	≥8 N/mm² (after 28 days)
Bond Strength	≥2 N/mm²
Shrinkage Expansion	≥2 N/mm²
Soluble Chlorine Content	≤% 0,05
Reaction to Fire	A1
Consumption	1,90-2,10 kg/m² (for 1 mm application thickness)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The mixed material should be poured continuously from one side of the pre-prepared mold. In this way, air entrapment in the mixture can be prevented.
- For thicker applications, the second coat is applied in the same way after the first coat has cured.
- The molds is removed after about 24 hours.
- The machines should not be operated until the grouting mortar has set (approximately 24 hours).
- For large area applications, place a metal rope or chain inside the mold to help spread the mortar and prevent air bubbles. If a chain is to be used, move the chain in short, rapid oscillations before the mortar starts to set.

WARNINGS

- Do not apply in weather conditions below +5°C and above +35°C.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- After the application, ExperCure AC 10 curing material should be applied to the surface to protect large surfaces open to outdoor weather conditions from sunlight and wind, or the surface should be covered with curing blanket for 48 hours.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 1504-3/R4 Class



ExperRepair RF 15

COLOR OPTIONS: Grey

25
±%2 KG



CEMENT BASED, NON-SHRINKAGE, RAPID SETTING, FLOWABLE, GROUT AND ANCHORING MORTAR (R4)

Cement based, single component, high strength, R4 class, rapid setting, non-shrinkage, flowable, grout and anchoring mortar.

APPLICATION AREAS

Used as repair, assembly and filling mortar:

- Indoors and outdoors,
- On horizontal surfaces,
- Installation, repair and upgrading of manhole and manhole covers that need to be put into use in a short time and require high strength, repair of curbs and paving stones, repair of concrete floors exposed to vehicles and traffic such as runways and platforms,
- Fixing of road poles and city furnitures.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Avoid application in humid, rainy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

SURFACE PREPARATION

- Surface bearing and stability should be checked to ensure that the surface is solid and clean.
- The application surface must be clean, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- The application surface should be wetted and kept moist.
- ExperRepair RF 15 mortar to be applied should be placed in a rectangular cavity with perpendicular vertical sides and a depth of at least 6 mm. The application surface should be prepared accordingly.
- If it is intended to be used as a coating, the maximum recommended thickness is 50 mm. The application surface should be prepared accordingly.



**RAPID
SETTING**



**HIGH COMPRESSIVE
STRENGTH**



FLOWABLE

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement-based and performance-enhancing additives
Mortar Density	2,20 g/cm ³ (±0,1)
Mixture Ratio	3,50-4,50 lt water / 25 kg powder
Pot Life	Maximum 15 minutes
Application Thickness	10-40 mm
Time to Put into Service	1 hour
Compressive Strength	Day 1: ≥25 N/mm ² (EN 12190) Day 7: ≥50 N/mm ² (EN 12190) Day 28: ≥60 N/mm ² (EN 12190)
Bending Strength	≥4.5 N/mm ² (after 24 hours) ≥7.5 N/mm ² (after 28 days)
Bond Strength	≥2 N/mm ²
Shrinkage Expansion	≥2 N/mm ²
Soluble Chlorine Content	≤% 0,05
Reaction to Fire	A1
Consumption	1,90-2,10 kg/m ² (for 1 mm application thickness)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

PREPARATION OF MIXTURE

- ExperRepair RF 15 should be added slowly to clean water (3,50-4,50 lt) placed in a clean mixing bowl (20-25°C) and mixed with a low speed mixer (400-600 rpm) until a homogeneous and lump-free mixture is obtained (3-4 minutes).

APPLICATION DETAILS

- The mixed material should be immediately poured continuously from one side of the pre-prepared mold. In this way, air entrapment in the mixture can be prevented.
- For thicker applications, the second coat is applied in the same way after the first coat has cured.
- The molds is removed after about 1 hour.

WARNINGS

- Do not apply in weather conditions below +5°C and above +35°C.
- It should be taken into account that the setting time will be shorter at higher temperatures.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- After the application, ExperCure AC 10 curing material should be applied to the surface to protect large surfaces open to outdoor weather conditions from sunlight and wind, or the surface should be covered with curing blanket for 48 hours.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 6 months from the date of production.

REFERENCE STANDARDS: TS EN 1504-3/R4 Class

ExperRepair EG 21

COLOR OPTIONS:

Component A: Cream

Component B: Dark Grey

6
±%2 KG



Component A:
4,50 kg/metal bucket

Component B:
1,50 kg/metal bucket

Set (A+B):
6 kg/set



VERY HIGH
BOND STRENGTH



THIXOTROPIC



HIGH CHEMICAL
RESISTANCE

TECHNICAL SPECIFICATIONS

Chemical Structure	Component A: Epoxy Resin Component B: Epoxy Hardener
Mortar Density	~ 1,8 kg/lt
Por-Life	Max. 30 Min
Bond Strength	28 days: $\geq 3 \text{ N/mm}^2$ (EN 1542)
Compressive Strength	28 days: $\geq 60 \text{ N/mm}^2$ (EN 12190)
Bending Strength	28 days: $\geq 15 \text{ N/mm}^2$ (EN 196-1)
Full Curing	7 days
Curing Time	15 hours
Consumption	1,60-3,20 kg/m ² (for 1-2 mm thickness)

* All technical values are calculated at +23°C and 50% relative humidity.
Changes in temperature and humidity change the technical values.

EPOXY BASED, TWO-COMPONENT, SOLVENT-FREE, REPAIR, ANCHORING AND MOUNTING MORTAR

Epoxy based, two-component, solvent free, thixotropic, repair, anchorage and mounting mortar.

APPLICATION AREAS

Used as repair, bonding, mounting, chamfering and filler mortar:

- Indoors and outdoors,
- On cement-based surfaces, old concrete and metal surfaces,
- Repair of reinforced concrete structures such as columns, beams and curtain walls,
- Repair of large cracks,
- In ore planting applications in reinforced concrete structures,
- Bonding of concrete elements, ceramics, natural stone, metals such as iron, steel, wood and glass,
- Bonding applications of waterproofing and dilatation tapes,
- Edge, corner hole and gap filling applications,
- Old and new concrete joints,
- For assembly works subjected to heavy and medium loads,
- Installation of bolts and dowels.

SURFACE AND APPLICATION CONDITIONS

- The compressive strength of the application surface must be at least 25 N/mm² and the (pull off) strength of the ground concrete must be at least 2,0 N/mm².
- The floor concrete must be cured and the moisture content of the concrete must not exceed 4%.
- The floor temperature must be not less than +8°C and at least +3°C above the condensation point.
- Air temperature should be between +10°C and +30°C during application.
- Relative humidity should not be more than 80% and surface temperature should be between +8°C and +30°C.
- Do not apply on wet, high humidity, frozen surfaces and surfaces with insufficient waterproofing.

SURFACE PREPARATION

- Surface bearing and stability should be checked to ensure that the surface is dry, solid and clean.
- Dust, dirt, paint, oil and free particles must be removed from the surface.
- Any water flow should be drained and plugged and the surface should be dry.
- If cracks and cavities are to be repaired, the cracks and cavities should be widened before application, and the edges should be cut as perpendicular as possible to obtain geometric shapes such as square and rectangle. It should then be cleaned with compressed air.
- Rusted parts should be removed from reinforcing bars with a wire brush.
- If necessary, the surface should be primed with ExperPrime epoxy primer.

PREPARATION OF MIXTURE

- Before mixing, make sure that the material temperatures are between +10°C and +30°C.
- The A and B components of ExperRepair EG 21 are individually mixed with a low speed mixer until a homogeneous mixture is obtained (on average 3 minutes).
- Component B is then added into Component A and mixed again with a low speed mixer until homogenized (approximately 3 minutes) and ready for use.
- Mixing for too long and at high speed should be avoided to minimize air entrainment.

APPLICATION DETAILS

- The mixed material is applied to the surface with a trowel or spatula.
- The maximum thickness for single coat is 30 mm.
- If the primer is adhered before application, mortar application should be made before the primer dries.

WARNINGS

- Do not apply in weather conditions below +10°C and above +30°C.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- Do not add solvent, thinner etc. into the mixture during application.
- Curing times of epoxy resin based products vary depending on ambient conditions. The duration of the chemical reaction varies and so does the working time. Therefore, attention should be paid to these details during application. Under low temperature conditions, the chemical reaction slows down and the working time between layers increases.
- The surface should be protected from direct contact with water for at least 48 hours after the application is completed. Otherwise, carbonation and softening will occur in the area in contact with the water, which will cause the coating to lose its properties. If such a situation occurs, the entire coating should be removed from the floor and the surface should be made ready for reapplication and the application should be carried out again by following the same steps.
- Epoxy and polyurethane based polymeric systems should be applied by specialized applicators.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 1504-2

Why **Experas** ?

Perfect Past, Reliable Future

Experas has a proven track record of expertise and excellence with years of experience and many successful projects. With its dedicated team, it delivers high-quality results and guarantees customer satisfaction while promoting the efficient and cost-effective use of resources.





Floor Systems

Create high-strength solid floors in the floor systems of many areas such as roofs and floors of buildings such as hotels, hospitals, schools, residences, workplaces, shopping malls, and parks and gardens.



ExperFloor CS 10

COLOR OPTIONS: Grey

30
±%2 KG



**THERMAL
INSULATION**



**PROVIDES
SMOOTH
SURFACE**



**APPLIED
BETWEEN
30-50MM**

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based, polymer and pumice added powder
Dry Unit Weight	~900 g/cm ³
Mixture Ratio	14,00-15,50 lt water / 30 kg powder
Pot Life	~1 hour
Working Time	20 minutes
Application Thickness	30-50 mm
Reaction to Fire	A1
Dmax	3-4 mm
Consumption	8,00-9,00 kg/m ² (for 1 cm thickness)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

CEMENT BASED, PUMICE ADDED, FLOOR SCREED WITH INSULATION FEATURE

Cement based, pumice and polymer added, single component, floor screed with insulating feature that can be applied in 30-50 mm thickness range.

APPLICATION AREAS

Used as a screed material to create a smooth floor with sound proofing and thermal insulation features:

- Indoors and outdoors,
- For applications on roofs and between floors of hotels, hospitals, schools, residences, business centers and offices.

SURFACE AND APPLICATION CONDITIONS

- The floor concrete must be cured and the moisture content of the concrete must not exceed 4%.
- Air temperature should be between +5°C and +35°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence. Eyelet gaps should be filled. Oil-soaked surfaces should be cleaned with chemical cleaning agents.
- Material such as mortar and cement residues should be scraped off.
- Repair of surface damages with a depth of more than 2 cm should be filled with repair mortar 24 hours before application.
- The surface should be primed with ExperPrime AS 30 primer after surface preparation.

PREPARATION OF MIXTURE

- Using a scale, pour 14,00-15,50 liters of clean water into a clean mixing bowl.
- Slowly add ExperFloor CS 10 into the water tank and mix with a low speed mixer (140-200 rpm) for 3-5 minutes until a homogeneous and lump free mixture is obtained.
- After the mixture has rested for about 10 minutes, it is mixed again for a short time and made ready for application.

APPLICATION DETAILS

- Depending on the ground and weather conditions; ExperFloor CS 10 can be applied at least 30 minutes after primer application.
- The application surface is divided into plaster strips according to the desired thickness and the width of the area.
- Pour the prepared mortar onto the surface divided into plaster strips one by one and spread it on the surface with a trowel. After spreading is complete, ruling is done.
- In applications made with a mixer pump, the width of the application area should not exceed 6 meters in order not to disturb the spread of the material together.
- In cases where the application time will exceed 30 minutes, it is recommended to apply two coats.
- Continuous application is required to prevent the formation of cold joints in large areas.

WARNINGS

- Do not apply in weather conditions below +5°C and above +30°C.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- After application, wait at least 3 days before coating the surface.
- Do not apply on wet surfaces exposed to moisture.
- In areas with underfloor heating, the heating system should be turned off 24 hours before the leveling screed application and turned on 72 hours after the application.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

ExperFloor CS 11

COLOR OPTIONS: Grey

15
±%2 KG



CEMENT BASED, PUMICE ADDED, FLOOR SCREED WITH INCREASED WATERPROOFING FEATURE FOR WET AREAS

Cement based, polymer and pumice added, single component, floor screed with waterproofing feature that can be applied in 30-50 mm thickness range.

APPLICATION AREAS

Used as a screed material to create a smooth floor with waterproofing, soundproofing and thermal insulation features:

- Indoors,
- For applications between floors of hotels, hospitals, schools, residences, business centers and offices.

SURFACE AND APPLICATION CONDITIONS

- The floor concrete must be cured and the moisture content of the concrete must not exceed 4%.
- Air temperature should be between +5°C and +35°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence. Eyelet gaps should be filled. Oil-soaked surfaces should be cleaned with chemical cleaning agents.
- Material such as mortar and cement residues should be scraped off.
- Repair of surface damages with a depth of more than 2 cm should be filled with repair mortar 24 hours before application.
- The surface should be primed with ExperPrime AS 30 primer after surface preparation.

PREPARATION OF MIXTURE

- Using a scale, pour 7,00-8,50 liters of clean water into a clean mixing bowl.
- Slowly add ExperFloor CS 11 into the water tank and mix with a low speed mixer (140-200 rpm) for 3-5 minutes until a homogeneous and lump free mixture is obtained.
- After the mixture has rested for about 10 minutes, it is mixed again for a short time and made ready for application.



PROVIDES
SMOOTH
SURFACE



INCREASED
WATERPROOFING
FEATURE



APPLIED
BETWEEN
30-50MM

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based powder containing polymer and pumice additives
Dry Unit Weight	~900 g/cm ³
Mixture Ratio	7,00-8,50 lt water / 15 kg powder
Pot Life	~1 hour
Working Time	20 minutes
Application Thickness	30-50 mm
Compressive Strength	≥5 N/mm ² - C5
Bending Strength	≥1 N/mm ² - F1
Böhme Abrasion Strength Class	A22
Reaction to Fire	A1
Consumption	8,00-9,00 kg/m ² (for 1 cm thickness)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- Depending on the ground and weather conditions; ExperFloor CS 11 can be applied at least 30 minutes after primer application.
- The application surface is divided into plaster strips according to the desired thickness according to the width of the area.
- Pour the prepared mortar onto the surface divided into plaster strips one by one and spread it on the surface with a trowel. After spreading is complete, ruling is done.
- In applications made with a mixer pump, the width of the application area should not exceed 6 meters in order not to disturb the spread of the material together.
- In cases where the application time will exceed 30 minutes, it is recommended to apply two coats.
- Continuous application is required to prevent the formation of cold joints in large areas.

WARNINGS

- Do not apply in weather conditions below +5°C and above +30°C.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- After application, wait at least 3 days before coating the surface.
- In areas with underfloor heating, the heating system should be turned off 24 hours before the screed application and turned on 72 hours after the application.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

ExperFloor CS 12

COLOR OPTIONS: Grey

30
±%2 KG



CEMENT BASED, PUMICE ADDED, FLOOR SCREED WITH INCREASED WATERPROOFING FEATURE FOR TERRACES

Cement based, polymer and pumice added, single component, ready to use floor screed with improved waterproofing feature, developed for use on roofs and terraces.

APPLICATION AREAS

Used as a screed material to create a smooth floor with thermal insulation, sound proofing and especially waterproofing features:

- Outdoors,
- For applications on roofs and terraces of hotels, hospitals, schools, residences, business centers and offices.

SURFACE AND APPLICATION CONDITIONS

- The floor concrete must be cured and the moisture content of the concrete must not exceed 4%.
- Air temperature should be between +5°C and +35°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence. Eyelet gaps should be filled. Oil-soaked surfaces should be cleaned with chemical cleaning agents.
- Material such as mortar and cement residues should be scraped off.
- Repair of surface damages with a depth of more than 2 cm should be filled with repair mortar 24 hours before application.
- The surface should be primed with ExperPrime AS 30 primer after surface preparation.

PREPARATION OF MIXTURE

- Using a scale, pour 13-14,50 liters of clean water into a clean mixing bowl.
- Slowly add ExperFloor CS 12 into the water tank and mix with a low speed mixer (140-200 rpm) for 3-5 minutes until a homogeneous and lump free mixture is obtained.
- After the mixture has rested for about 10 minutes, it is mixed again for a short time and made ready for application.



PREVENTS
CONDENSATION



PROVIDES
SMOOTH
SURFACE



INCREASED
WATERPROOFING
FEATURE

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based, polymer and pumice added powder
Dry Unit Weight	~850 g/cm ³
Mixture Ratio	13,00-14,50 lt water / 30 kg powder
Pot Life	~1 hour
Working Time	20 minutes
Application Thickness	30-50 mm
Compressive Strength	≥5 N/mm ² - C5
Bending Strength	≥1 N/mm ² - F1
Böhme Abrasion Strength Class	A22
Reaction to Fire	A1
Consumption	8,00-9,00 kg/m ² (for 1 cm thickness)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- Depending on the ground and weather conditions; ExperFloor CS 12 can be applied at least 30 minutes after primer application.
- The application surface is divided into plaster strips according to the desired thickness according to the width of the area.
- Pour the prepared mortar onto the surface divided into plaster strips for the first coat application one by one and spread it on the surface with a trowel. After spreading is complete, ruling is done.
- The first coating application thickness is 10-20 mm.
- Immediately after the first layer is applied, ExperBrace RM 20 reinforcing mesh is laid on top of it and slightly embedded into the surface.
- After the ExperBrace RM 20 reinforcing mesh laying is completed, proceed with the application of 2 coats without waiting.
- The second coating application thickness is 20-30 mm.
- In applications made with a mixer pump, the width of the application area should not exceed 6 meters in order not to disturb the spread of the material together.
- Continuous application is required to prevent the formation of cold joints in large areas.

WARNINGS

- Do not apply in weather conditions below +5°C and above +30°C.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- After application, wait at least 3 days before coating the surface.
- Do not apply on wet surfaces exposed to moisture.
- In areas with underfloor heating, the heating system should be turned off 24 hours before the leveling screed application and turned on 72 hours after the application.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

ExperFloor SL 13

COLOR OPTIONS: Grey

25
±%2 KG



CEMENT BASED, SELF-LEVELING FLOOR SCREED (1-10 MM)

Cement based, self-leveling floor screed that can be applied up to 10 mm thickness.

APPLICATION AREAS

Used to create a smooth and shrinkage-free floor with high surface quality:

- Indoors and outdoors,
- In areas exposed to heavy pedestrian traffic such as residences, hospitals, educational buildings, shops,
- Underfloor heated floors,
- Before floor coverings such as carpet, parquet, PVC, linoleum, ceramic, marble, granite, epoxy on cement-based screed surfaces, concrete slab surfaces.

SURFACE AND APPLICATION CONDITIONS

- The floor concrete must be cured and the moisture content of the concrete must not exceed 4%.
- Air temperature should be between +5°C and +35°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence. Eyelet gaps should be filled. Oil-soaked surfaces should be cleaned with chemical cleaning agents.
- Material such as mortar and cement residues should be scraped off.
- Repair of surface damages with a depth of more than 2 cm should be filled with repair mortar 24 hours before application.
- The surface must be primed with ExperPrime AS 30 primer after surface preparation.
- Before application, areas such as wall edges and door fronts should be covered with profiles or tapes.

PREPARATION OF MIXTURE

- Using a scale, pour 5,75-6,25 liters of clean water into a clean mixing bowl.
- Slowly add ExperFloor SL 13 into the water tank and mix with a low speed mixer for 3-5 minutes until a homogeneous and lump free mixture is obtained.
- The mixture is allowed to rest for approximately 1-2 minutes, then mix again for 30 seconds and made ready for application.



SELF LEVELING



PROVIDES
SMOOTH
SURFACE

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based powder containing high alumina plasticizer additives
Density	1,35 g/cm ³ (±0,1)
Mortar Density	2,00 g/cm ³ (±0,1)
Mixture Ratio	5,75-6,25 lt water / 25 kg powder
Working Time	30 minutes
Walkability Duration	24 hours
Crusting Time	20 minutes
Compressive Strength	≥6 N/mm ² 1 Day (EN 13892-2) ≥35 N/mm ² 28 Days (EN 13892-2)
Bending Strength	≥2 N/mm ² 1 Day (EN 13892-2) ≥7 N/mm ² 28 Days (EN 13892-2)
Bond Strength	≥1 N/mm ²
Full Curing Time	28 days
Consumption	1,60-1,80 kg/m ² (for 1 mm application thickness)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- Depending on the ground and weather conditions, ExperFloor SL 13 can be applied at least 30 minutes after primer application.
- The prepared mortar of a flowing consistency is poured onto the surface.
- If necessary, the thickness can be adjusted with a notched trowel to facilitate the spreading process.
- After spreading the product on the surface, air bubbles in the product should be eliminated by using a spiked roller and spiked shoes.
- In applications made with a mixer pump, the width of the application area should not exceed 6 meters in order not to disturb the spread of the material together.
- Continuous application is required to prevent the formation of cold joints in large areas.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- Dilatation joints must be observed in the application area, if any.
- Profiles suitable for the thickness of the topcoat to be applied should be used.
- After application, wait at least 3 days before coating the surface.
- Do not apply on wet surfaces exposed to moisture.
- In areas with underfloor heating, the heating system should be turned off 24 hours before the leveling screed application and turned on 72 hours after the application.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 13813



ExperFloor SL 20

COLOR OPTIONS: Grey

25
±%2 KG



ÇİMENTO ESASLI, KENDİLİĞİNDEN YAYILAN ZEMİN TESVİYE ŞAPI (1-20 MM)

Çimento esaslı, 20mm kalınlığa kadar uygulanabilen, kendiliğinden yayılan zemin tesviye şapıdır.

APPLICATION AREAS

- Indoors and outdoors,
- In areas exposed to heavy pedestrian traffic such as residences, hospitals, educational buildings, shops,
- On floors with underfloor heating,
- Before floor coverings such as carpet, parquet, PVC, linoleum, ceramic, marble, granite, epoxy on cement-based screed surfaces, concrete slab surfaces, it is used to create a flat, shrinkage-free and high surface quality floor.

SURFACE AND APPLICATION CONDITIONS

- The floor concrete must be cured and the moisture content of the concrete must not exceed 4%.
- The air temperature should be between +5°C and +35°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence. Air voids should be filled. Grease-soaked surfaces should be cleaned with chemical cleaning agents.
- Material such as mortar and cement residues should be scraped off.
- Repair of surface lines with a depth of more than 2 cm should be filled with repair mortar 24 hours before application.
- After surface preparation, the surface should be primed with ExperPrime AS 30 primer.
- Before application, areas such as wall edges and door fronts should be covered with profiles or tapes.

PREPARATION OF MIXTURE

- Using a scale, 5,25-5,75 liters of clean water is poured into a clean mixing container.
- ExperFloor SL 20 is slowly added into the water tank and mix with a low speed mixer for 3-5 minutes until a homogeneous and lump-free mixture is obtained.
- The mixture is left to rest for approximately 1-2 minutes and then it is mixed again for 30 seconds to make it ready for application.



SELF LEVELING



PROVIDES
SMOOTH SURFACE



APPLIED
BETWEEN
1-20 MM

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement-based powder containing high alumina plasticizer additives
Powder Density	1,25 g/cm ³ (±0,1)
Mortar Density	2,00 g/cm ³ (±0,1)
Mixing Ratio	5,25-5,75 lt water / 25 kg powder
Mortar Usability Time	40 minutes
Walkability Time	24 hours
Film Forming Time	30 minutes
Compression Strength	≥4 N/mm ² 1 Day (EN 13892-2) ≥20 N/mm ² 28 Days (EN 13892-2)
Flexural Strength	≥2 N/mm ² 1 Day (EN 13892-2) ≥5 N/mm ² 28 Days (EN 13892-2)
Bond Strength	≥1 N/mm ²
Full Curing Time	28 days
Consumption	1,70-1,90 kg/m ² (for 1 mm application thickness)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- Depending on the ground and weather conditions; ExperFloor SL 20 can be applied at least 30 minutes after primer application.
- The prepared mortar with a runny consistency is poured onto the surface.
- If necessary, the thickness can be adjusted by making corrections with a notched trowel to facilitate the spreading process.
- After spreading the product on the surface, air bubbles in the product should be eliminated with the help of a spiked roller and spiked shoes.
- In applications made with a mixer pump, the width of the application area should not exceed 6 meters in order not to disturb the spread of the material together.
- Continuous application is required to prevent the formation of cold joints in large areas.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, at risk of freezing within 24 hours, in conditions that may prevent application or damage the surface after application.
- Dilatation joints, if any, must be observed in the application area.
- Profiles suitable for the thickness of the topcoat to be applied should be used.
- After the application, wait at least 3 days before the coating to be applied to the surface.
- Do not apply on wet surfaces exposed to moisture.
- In areas with underfloor heating, the heating system should be turned off 24 hours before the leveling screed application and turned on 72 hours after the application.

STORAGE AND SHELF LIFE

- It should be stored in its unopened original package, in a closed, moisture-free, dry environment protected from frost. The products should not be overloaded in a way that would damage their packaging.
- Shelf life under proper storage conditions is 12 months from the date of manufacture.

REFERENCE STANDARDS: TS EN 13813

ExperFloor RL 14

COLOR OPTIONS: Off-White

25
±%2 KG



GYPSUM BASED, SELF-LEVELING, RAPID SETTING FLOOR SCREED (1-10MM)

Gypsum based, self-leveling, rapid setting floor screed that can be applied up to 10mm thickness.

APPLICATION AREAS

Used to create a smooth and shrinkage-free floor with high surface quality:

- Indoors,
- On floors where there is no water contact,
- Underfloor heating,
- In areas exposed to heavy pedestrian traffic such as residences, hospitals, educational buildings, shops,
- Before floor coverings such as carpet, parquet, PVC, linoleum, ceramic, marble, granite, epoxy on cement-based screed surfaces, concrete slab surfaces.

SURFACE AND APPLICATION CONDITIONS

- The floor concrete must be cured and the moisture content of the concrete must not exceed 4%.
- Air temperature should be between +5°C and +30°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence. Eyelet gaps should be filled. Oil-soaked surfaces should be cleaned with chemical cleaning agents.
- Material such as mortar and cement residues should be scraped off.
- Repair of surface damages with a depth of more than 2 cm should be filled with repair mortar 24 hours before application.
- The surface must be primed with ExperPrime AS 30 primer after surface preparation.
- Before application, areas such as wall edges and door fronts should be covered with profiles or tapes.

PREPARATION OF MIXTURE

- Using a scale, pour 6,00–6,50 liters of clean water into a clean mixing bowl.
- Slowly add ExperFloor RL 14 into the water tank and mix with a low speed mixer for 3–5 minutes until a homogeneous and lump free mixture is obtained.
- The mixture is allowed to rest for about 1 minute, then mix again for 1 minute and made ready for application.



RAPID SETTING



SELF LEVELING

TECHNICAL SPECIFICATIONS

Chemical Structure	Gypsum-based powder containing polymers and high-performance additives
Powder Density	~ 1,35 kg/lt
Mortar Density	~ 1,90–2,10 kg/lt
Water Mixture Ratio	6,00–6,50 lt water / 25 kg powder
Pot Life	~ 20–25 minutes
Initial Setting Time	≥ 40 minutes
Setting Completion Time	≥ 60 minutes
Walkability Duration	2 hours
Duration of Application on it	4 hours - Floor covering 12 hours - PVC and laminated parquet
Compressive Strength	≥5 N/mm ² 1 Day ≥25 N/mm ² 28 Days C25 (EN 13813)
Bending Strength	≥1,5 N/mm ² 1 Day ≥7 N/mm ² 28 Days F7 (EN 13813)
Bond Strength	≥1 N/mm ²
pH	≥11
Reaction to Fire	A1 (TS EN 13501-1)
Consumption	1,50–1,60 kg/m ² (for 1 mm thickness)

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- Depending on the ground and weather conditions; ExperFloor RL 14 can be applied at least 30 minutes after primer application.
- The prepared mortar of a flowing consistency is poured onto the surface.
- If necessary, the thickness can be adjusted with a notched trowel to facilitate the spreading process.
- After spreading the product on the surface, air bubbles in the product should be eliminated by using a spiked roller and spiked shoes.
- In applications made with a mixer pump, the width of the application area should not exceed 6 meters in order not to disturb the spread of the material together.
- Continuous application is required to prevent the formation of cold joints in large areas.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- Dilatation joints must be observed in the application area, if any.
- Profiles suitable for the thickness of the topcoat to be applied should be used.
- After application, make sure that the product is completely dry before coating the surface.
- After application, there is no need for watering or moisturizing.
- It should not be applied outdoors and in industrial areas.
- Do not apply on wet surfaces exposed to moisture.
- In areas with underfloor heating, the heating system should be turned off 24 hours before the leveling screed application and turned on 72 hours after the application.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 6 months from the date of production.

REFERENCE STANDARDS: TS EN 13813

ExperFloor CH 20

COLOR OPTIONS: Grey, Tile Red, Green

25
±%2 KG



CEMENT BASED, QUARTZ AGGREGATED SURFACE HARDENER

Cement based, surface hardener material containing a high proportion of quartz aggregate and performance enhancing chemical additives; providing high abrasion, wear and dusting resistance on industrial floors exposed to light, medium, heavy loads and heavy vehicle traffic.

APPLICATION AREAS

Used as a surface hardener to provide high mechanical abrasion, impact and dusting resistance:

- Indoors and outdoors,
- On floors subjected to light, medium and heavy loads such as factories, warehouses, workshops, parking lots, service stations, subway stations, underground passages, supermarkets, workplaces, residences, parks, gardens and pedestrian roads,
- On fresh concrete surfaces where high mechanical abrasion resistance is required and no dusting is desired.

SURFACE AND APPLICATION CONDITIONS

- Temperature should be between +5°C and +30°C during application.
- Ambient humidity for application should be between 40-80% relative humidity.

SURFACE PREPARATION

- The carrier concrete to be applied must be at least C25 class.
- If it is to be applied on old concrete, pour at least 7,5 cm thickness of C25 concrete before application. ExperAdmix LT 10 or ExperPrime EP 10 should be used between the new concrete and the old concrete to increase adherence and ensure adhesion.
- The surface of the fresh concrete to be applied should be troweled with a tray trowel and smoothed with a wooden trowel.
- Wait until the load-bearing concrete becomes walkable. The appropriate time is when the concrete has hardened enough to leave a footprint (average 0,5-1,5 cm deep) when stepped on.



EASY TO
APPLY



PROVIDES HIGH
MECHANICAL
DURABILITY

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based, quartz aggregate powder containing performance enhancing chemical additives
Compressive Strength	C40
Bending Strength	F7
Böhme-Abrasion Strength Class	A6
Aggregate Hardness	7 Mohs Scale
Abrasion Strength	≤3,2 cm ³ /50 cm ²
Abrasion Resistance	≤3.000 mg
Pull-off Strength	≥1,0 N/mm ²
Impact Resistance	Class II
Reaction to Fire	A1
Capillary Water Absorption and Water Permeability	≤0,1 kg/m ² h ^{0,5}
Consumption	4,00-6,00 kg/m ²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- After the poured and screeded concrete has reached a walkable consistency, ExperFloor CH 20 is spread on the surface by hand or with a spreader.
- The material should not be left on the surface in clumps and should be spread over the surface until a homogeneous distribution is achieved.
- The material should be expected to absorb the water of the concrete and get a dark color. Care should be taken to ensure that the color is evenly distributed throughout the floor.
- After the color-change completed, the material is compressed with the tray trowel to ensure its integration with the concrete.
- When the surface is hard enough to walk on, the surface is smoothed by using finishing machine (power trowel) until the desired glossy surface is obtained.
- Following the completion of the application, ExperCure AC 10 curing material should be used for curing the concrete.

WARNINGS

- Do not apply in weather conditions below +5°C above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent wind and application or that may damage the surface after application.
- Ambient humidity during the application should be between 40-80% relative humidity. At low relative humidity, surface efflorescence may occur; at high relative humidity, surface transpiration, slower curing and hardening may occur.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 13813



ExperFloor CH 21

COLOR OPTIONS: Grey, Tile Red, Green

25
±%2 KG



CEMENT BASED, CORUNDUM AGGREGATED SURFACE HARDENER

Cement based, surface hardener material containing a high proportion of corundum aggregate and performance enhancing chemical additives; providing high abrasion, wear and dusting resistance on industrial floors exposed to light, medium, heavy loads and heavy vehicle traffic.

APPLICATION AREAS

Used as a surface hardener to provide high mechanical abrasion, impact and dusting resistance:

- Indoors and outdoors,
- Floors exposed to medium and heavy loads such as factory, warehouse, workshop, shipyard, loading docks, airplane and helipads, power plants, parking lots, service stations, industrial building floors,
- On floors subjected to light and medium loads such as subway stations, underground passages, supermarkets, workplaces, residences, parks, gardens and pedestrian paths,
- On fresh concrete surfaces where high mechanical abrasion resistance is required and no dusting is desired.

SURFACE AND APPLICATION CONDITIONS

- Temperature should be between +5°C and +30°C during application.
- Ambient humidity for application should be between 40-80% relative humidity.

SURFACE PREPARATION

- The carrier concrete to be applied must be at least C25 class.
- If it is to be applied on old concrete, pour at least 7,5 cm thickness of C25 concrete before application. ExperAdmix LT 10 or ExperPrime EP 10 should be used between the new concrete and the old concrete to increase adherence and ensure adhesion.
- The surface of the fresh concrete to be applied should be troweled with a tray trowel and smoothed with a wooden trowel.
- Wait until the load-bearing concrete becomes walkable. The appropriate time is when the concrete has hardened enough to leave a footprint (average 0,5-1,5 cm deep) when stepped on.



EASY TO
APPLY



PROVIDES HIGH
MECHANICAL
DURABILITY

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based, corundum aggregate powder containing performance enhancing chemical additives
Compressive Strength	C40
Bending Strength	F7
Böhme-Abrasion Strength Class	A6
Aggregate Hardness	9 Mohs Scale
Abrasion Strength	≤2,5 cm ³ /50 cm ²
Abrasion Resistance	≤3.000 mg
Pull-off Strength	≥1,0 N/mm ²
Impact Resistance	Class III
Reaction to Fire	A1
Capillary Water Absorption and Water Permeability	≤0,1 kg/m ² h ^{0,5}
Consumption	4,00-6,00 kg/m ²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- After the poured and screeded concrete has reached a walkable consistency, ExperFloor CH 21 is spread on the surface by hand or with a spreader.
- The material should not be left on the surface in clumps and should be spread over the surface until a homogeneous distribution is achieved.
- The material should be expected to absorb the water of the concrete and get a dark color. Care should be taken to ensure that the color is even all over the floor.
- After the color-change completed, the material is compressed with the tray trowel to ensure its integration with the concrete.
- When the surface is hard enough to walk on, the surface is smoothed by using finishing machine (power trowel) until the desired glossy surface is obtained.
- Following the completion of the application, ExperCure AC 10 curing material should be used for curing the concrete.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent wind and application or that may damage the surface after application.
- Ambient humidity during the application should be between 40-80% relative humidity. At low relative humidity, surface efflorescence may occur; at high relative humidity, surface transpiration, slower curing and hardening may occur.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

REFERENCE STANDARDS: TS EN 13813

ExperFloor AB 30

COLOR OPTIONS: Grey

20
±%2 KG



READY TO
USE



HIGH BONDING

TECHNICAL SPECIFICATIONS

Chemical Structure	Acrylic dispersion
Density	~ 1,35 kg/lit (± 0,1)
Thickening Time	20-25 minutes
Shear Strength	≥0,3 N/mm ² (EN 1373)
Peel Strength	≥1,0 N/mm ² (EN 1372)
Dimensional Change	≤%0,2 (EN 1903)
Working Time	40-60 minutes
Set to Traffic	24-48 hours
Full Drying Time	3-4 days
Consumption	250-300 g/m ²

* All technical values are calculated at +23°C and 55% relative humidity. Changes in temperature and humidity change the technical values.

ACRYLIC BASED, SINGLE COMPONENT, FLEXIBLE PVC FLOORING ADHESIVE

Acrylic based, single component, solvent-free, flexible PVC and linoleum flooring adhesive.

APPLICATION AREAS

- Used as a bonding material:
- Indoors,
- On horizontal surfaces,
- Residences, hospitals, educational buildings, markets, shopping malls,
- On leveled concrete slabs, prefabricated concrete, cement-based screed surfaces,
- PVC based homogeneous and heterogeneous floor tiles and coatings, linoleum and rubber based flooring applications.

SURFACE AND APPLICATION CONDITIONS

- If the surface is concrete, it must be cured and the moisture content of the concrete must not exceed 4%.
- Do not apply on wet, high humidity, frozen surfaces or surfaces at risk of freezing within 24 hours, in direct sunlight and high wind conditions.
- Air temperature should be between +15°C and +30°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, rust, paint, oil and similar substances that will reduce adherence.
- Damaged parts, unstable surfaces and cracks should be repaired with the appropriate ExperRepair product.
- The surface must be leveled with ExperFloor SL 13 or ExperFloor RL 14 leveling screed before the adhesive application and the leveling screed must be fully cured.
- It should be ensured that there is no elevation difference on the surface.

PREPARATION OF MIXTURE

- ExperFloor AB 30 is ready to use. No additives or dilutions are required.
- The product should be thoroughly stirred before application.

APPLICATION DETAILS

- ExperFloor AB 30 is poured onto the surface and then spread homogeneously and evenly over the surface with a triangular notched trowel.
- After waiting for approximately 20-25 minutes, the floor covering material is adhered to the floor. This waiting time may vary depending on the ambient temperature, humidity and absorbency of the application surface.
- Immediately after the bonding process, pressure should be applied to the floor covering material with a cylindrical roller to ensure that the parts not in contact with the adhesive are bonded and air gaps should be eliminated.
- If the floor covering is to be applied with the help of welding, it should be done at least 24 hours after the adhesive application.

WARNINGS

- Do not apply in weather conditions below +15°C above +30°C, in rainy and/or windy weather.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.
- Do not add water or any other substance externally.
- Attention should be paid to the thickening time. The bonding process should be completed without leaving it too much exposed and allowing it to dry. However, the maximum open working time is 40-60 minutes. This time should not be exceeded.
- Before application on floor-heating surfaces, the floor heating system must be switched off and switched back on at least 72 hours after the application.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a dry environment, protected from frost, between +10°C and +30°C. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production. Since products in opened packages will freeze in a short time; they should not be stored again and should be consumed.

Why **Experas** ?

International Cooperation, Local Success

Experas has a strong collaboration with the best companies and industry leaders in the field of construction, as well as international organizations and government agencies. Complete your projects safely with the international quality standards and local achievements of Experas.





Primers

Use Experas primer products before applications such as screeds, thermal insulation plastering mortars and decorative plaster applications to increase adherence, prevent dust and accelerate dispersion, making your applications more efficient.



ExperPrime AS 30

COLOR OPTIONS: White (After drying: Transparent)

20
±%2 KG



READY TO
USE



PROVIDES HIGH
BONDING



PREVENTS
DUSTING

TECHNICAL SPECIFICATIONS

Chemical Structure	Acrylic based white liquid
Density	1,05 kg/ltr
Drying Time	45-60 minutes
Consumption	150-200 g/m ² (Depends on the application surface.)

* All technical values are calculated at +23°C and 55% relative humidity.
Changes in temperature and humidity change the technical values.

ACRYLIC BASED, SINGLE COMPONENT, WATERBORNE SURFACE PRIMER

Acrylic based, single component, waterborne, ready-to-use surface primer for absorbent surfaces.

APPLICATION AREAS

Used as a primer material:

- Indoors and outdoors,
- On horizontal and vertical surfaces,
- On highly absorbent surfaces,
- Before floor leveling screed and similar cement based screed applications,
- To increase adherence, prevent dusting and accelerate spreading.

SURFACE AND APPLICATION CONDITIONS

- If the surface is concrete, it must be cured and the moisture content of the concrete must not exceed 4%.
- Do not apply on wet, high humidity, frozen surfaces or surfaces at risk of freezing within 24 hours, in direct sunlight and high wind conditions.
- Air temperature should be between +5°C and +30°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, rust, paint, oil and similar substances that will reduce adherence.
- Damaged parts, unstable surfaces and cracks should be repaired with the appropriate ExperRepair product.

PREPARATION OF MIXTURE

- ExperPrime AS 30 is ready to use. It is not diluted with water or any additives.
- Before application, it is mixed with a low speed mixer for a short time and made ready for use.

APPLICATION DETAILS

- ExperPrime AS 30 is applied to the surface with a roller brush.
- Ensure that the surface is completely covered and a non-porous coat is formed.
- If necessary, two coats can be applied.
- If a second coat is to be applied, it should be done before the first coat is completely dry.
- If it is to be applied on floor systems with underfloor heating, the heating system should be turned off during application.
- The screed application on the primer should be started 45-60 minutes after the primer application.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a dry environment, protected from frost, between +5°C and +25°C. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production. Since products in opened packages will freeze in a short time; they should not be stored again and should be consumed.

ExperPrime AE 31

COLOR OPTIONS: Dusty Rose

12

±%2 KG

Packaging Options

20 kg/plastic bucket
12 kg/plastic bucket



WATERBORNE



PROVIDES HIGH
BONDING



PROVIDES
RESISTANCE TO
MOISTURE

TECHNICAL SPECIFICATIONS

Chemical Structure	Acrylic based liquid
Density	1,55g/cm ³ (±0,1)
Water Dilution Rate	6 lt water / 20 kg 3,6 lt water / 12 kg
Drying Time	60-120 minutes
Consumption	150-250 g/m ² (Depends on the application surface.)

* All technical values are calculated at +23°C and 55% relative humidity.
Changes in temperature and humidity change the technical values.

ACRYLIC BASED, SINGLE COMPONENT, WATERBORNE PRIMER FOR EXPOSED CONCRETE SURFACES

Acrylic based, single component, waterborne, adherence enhancing primer for exposed concrete surfaces.

APPLICATION AREAS

Used as primer and adhesion enhancer:

- Indoors and outdoors,
- On horizontal and vertical surfaces,
- On highly absorbent surfaces such as exposed concrete, wall, ceiling, plasterboard, cardboard plaque, gas concrete, briquette, fiberboard,
- Before floor leveling screed and similar cement based screed applications,
- Before new applications on old surfaces,
- To increase adherence before gypsum and cement based plaster mortars.

SURFACE AND APPLICATION CONDITIONS

- If the surface is concrete, it must be cured and the moisture content of the concrete must not exceed 4%.
- Do not apply on wet, high humidity, frozen surfaces or surfaces at risk of freezing within 24 hours, in direct sunlight and high wind conditions.
- Air temperature should be between +5°C and +30°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, rust, paint, oil and similar substances that will reduce adherence.
- Damaged parts, unstable surfaces and cracks should be repaired with the appropriate ExperRepair product.

PREPARATION OF MIXTURE

- Add appropriate amount of clean water (6 lt water/20 kg - 3,6 lt water/12 kg) to the bucket of ExperPrime AE 31 primer and mix with a low speed mixer until a homogenous mixture is obtained.

APPLICATION DETAILS

- ExperPrime AE 31 is applied to the surface with a sheepskin roller brush.
- Ensure that the surface is completely covered and a non-porous coat is formed.
- Make sure that the primer coat is completely dry before application on the primer.

WARNINGS

- Do not apply in weather conditions below +5°C above +30°C, in rainy and/or windy weather.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.
- The mixture in the bucket should be stirred at intervals during application.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a dry environment, protected from frost, between +5°C and +25°C. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production. Since products in opened packages will freeze in a short time; they should not be stored again and should be consumed.

REFERENCE STANDARDS: TS EN 13744



ExperPrime AT 32

COLOR OPTIONS: Dusty Rose

5
±%2 KG



ACRYLIC DISPERSION BASED, SINGLE COMPONENT, WATERBORNE PRIMER FOR CERAMIC ON CERAMIC APPLICATIONS

Acrylic based, single component, waterborne, adherence enhancing primer for use before ceramic on ceramic applications.

APPLICATION AREAS

Used as primer and adhesion enhancer:

- Indoors and outdoors,
- On horizontal and vertical surfaces,
- To increase adherence before ceramic application on ceramic,
- To increase adherence and stabilize absorbency before coatings such as ceramic, hard vinyl, parquet etc. on mineral surfaces, Polyurethane, Epoxy and Acrylic surfaces.

SURFACE AND APPLICATION CONDITIONS

- If the surface is concrete, it must be cured and the moisture content of the concrete must not exceed 4%.
- Do not apply on wet, high humidity, frozen surfaces or surfaces at risk of freezing within 24 hours, in direct sunlight and high wind conditions.
- Air temperature should be between +5°C and +35°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, rust, paint, oil and similar substances that will reduce adherence.
- Damaged parts, unstable surfaces and cracks should be repaired with the appropriate ExperRepair product.
- Varnish, wax and similar residues on wood and parquet surfaces should be removed by scraping or even scraping and then the surface should be cleaned of dust.



READY TO
USE



PROVIDES HIGH
BONDING



APPLIED ON
CERAMIC TILES

TECHNICAL SPECIFICATIONS

Chemical Structure	Acrylic based liquid
Density	1,35 g/cm ³ (±0,1)
Drying Time	3-5 hours
Consumption	150-200 g/m ² (Depends on the application surface.)

* All technical values are calculated at +23°C and 55% relative humidity. Changes in temperature and humidity change the technical values.

PREPARATION OF MIXTURE

- ExperPrime AT 32 is ready to use. It is not diluted with water or any additives.
- Before application, it is mixed with a low speed mixer for a short time and made ready for use.

APPLICATION DETAILS

- ExperPrime AT 32 is applied to the surface as a single coat with a sheepskin roller brush or brush.
- Ensure that the surface is completely covered and a non-porous coat is formed.
- Wait at least 4 hours before application on the primer.

WARNINGS

- Do not apply in weather conditions below +5°C above +35°C, in rainy and/or windy weather.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a dry environment, protected from frost, between +5°C and +30°C. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production. Since products in opened packages will freeze in a short time; they should not be stored again and should be consumed.

ExperPrime AP 33

COLOR OPTIONS: White

15

±%2 KG



WATERBORNE



PERMEABLE
TO WATER
VAPOR



PROVIDES HIGH
BONDING

TECHNICAL SPECIFICATIONS

Chemical Structure	Acrylic based liquid
Density	1,25 g/cm ³ (±0,1)
Drying Time	Minimum 12 hours
Consumption	150-300 g/m ² (Depends on the application surface.)

* All technical values are calculated at +23°C and 55% relative humidity.
Changes in temperature and humidity change the technical values.

ACRYLIC BASED, SINGLE COMPONENT, WATERBORNE PRIMER FOR PLASTER APPLICATIONS

Acrylic based, single component, waterborne priming material for plaster applications.

APPLICATION AREAS

Used as a primer:

- Indoors and outdoors,
- On horizontal and vertical surfaces,
- On highly absorbent surfaces of buildings,
- Prior to decorative plaster applications to be applied on thermal insulation board plastering mortars on exterior facades,
- Under all cement based interior and exterior cladding materials,
- Before new applications on old surfaces,
- In order to stabilize absorbency and increase adherence.

SURFACE AND APPLICATION CONDITIONS

- The surface must be cured and the moisture content must not exceed 4%.
- Do not apply on wet, high humidity, frozen surfaces or surfaces at risk of freezing within 24 hours, in direct sunlight and high wind conditions.
- Air temperature should be between +5°C and +30°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, rust, paint, oil and similar substances that will reduce adherence.

PREPARATION OF MIXTURE

- ExperPrime AP 33 is ready to use. It is not diluted with water or any additives.
- Before application, it is mixed with a low speed mixer for a short time and made ready for use.

APPLICATION DETAILS

- ExperPrime AP 33 is applied to the surface as a single coat with a sheepskin roller brush or brush.
- Ensure that the surface is completely covered and a non-porous coat is formed.
- Make sure that the primer coat is completely dry before application on the primer.
- Wait at least 12 hours before applying the coating.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.
- The mixture in the bucket should be stirred at intervals during application.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a dry environment, protected from frost, between +5°C and +25°C. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production. Since products in opened packages will freeze in a short time; they should not be stored again and should be consumed.

ExperPrime CP 50

COLOR OPTIONS: Grey

25
±%2 KG



CEMENT BASED, POLYMER ADDED, SINGLE COMPONENT, PRIMER FOR EXPOSED CONCRETE SURFACES

Cement based, single component, polymer added primer for exposed concrete surfaces, walls and ceilings to increase the adherence, workability and working time of all kinds of cement and gypsum based plasters.

APPLICATION AREAS

Used as an primer and adherence enhancing material:

- Indoors and outdoors,
- On horizontal and vertical surfaces,
- Application of gypsum and cement based plaster mortars on exposed concrete surfaces,
- Before ceiling plastering,
- Before applications on old surfaces.

SURFACE AND APPLICATION CONDITIONS

- The application surface must be dry and solid.
- Ground bearing and stability should be checked to ensure that the surface is solid, clean and dry.
- Air temperature should be between +5°C and +30°C during application.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence. Eyelet gaps should be filled. Oil-soaked surfaces should be cleaned with chemical cleaning agents.
- Material such as mortar and cement residues should be scraped off.
- Repair of surface lines with a depth of more than 2 cm should be repaired with repair mortar 24 hours before application.

PREPARATION OF MIXTURE

- Add 8,00-10,00 liters of clean water to 25 kg ExperPrime CP 50 poured into a clean bowl. Mix with a low speed mixer until a homogeneous and lump free mixture is obtained.
- The mixture is allowed to rest for about 2-3 minutes, then mixed again for a short time and made ready for application.



EASY TO
APPLY



PROVIDES HIGH
BONDING



PREVENTS
RAPID WATER
LOSS

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement-based, polymer-added powder
Density	~1,5 gr/cm³
Mixture Ratio	8,00-10,00 lt water / 25 kg powder
Working Time	20 minutes
Application temperature	(+5)°C - (+35)°C
Consumption	1,00-1,20 kg/m²

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

APPLICATION DETAILS

- The mixture is applied to the surface with a sponge roller.
- Two coats should be applied if necessary.
- Application thickness should be 1-2mm.
- The prepared mortar should be consumed within 2 hours.
- The working time of the prepared mortar is 20 minutes.

WARNINGS

- Do not apply in weather conditions below +5°C above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent application or that may damage the surface after application.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.



Curing, Concrete and Mortar Additives

Provide your structures with superior features in various applications, from abrasion resistance, water impermeability to adherence, with Experas concrete additives.



ExperAdmix LT 10

COLOR OPTIONS: White

30
±%2 KG

Packaging Options

30 kg/plastic drum
6 kg/plastic drum



PROVIDES HIGH
BONDING



PROVIDES
WATER
IMPERMEABILITY



PROVIDES
ELASTICITY

TECHNICAL SPECIFICATIONS

Chemical Structure	White liquid
Density	~ 1,05 g/cm ³ (±0,05)
pH	7-9
Consumption	As mortar admixture : Up to 2,5% of cement weight As an adhesion bridge : 1/1 - 1/4 water ratio * Recommended consumption amounts are average values. Consumption amounts may vary depending on the purpose of application, the aggregate, cement used and ambient temperature during application.

* All technical values are calculated at +23°C and 55% relative humidity. Changes in temperature and humidity change the technical values.

SYNTHETIC-RUBBER BASED, SINGLE COMPONENT MORTAR ADMIXTURE WITH HIGH ADHESION AND WATER IMPERMEABILITY FEATURES

Synthetic-rubber based, single component, mortar admixture used to obtain high quality cement based mortars with high adhesion and water impermeability features.

APPLICATION AREAS

Used as an admixture:

- In concrete repairs,
- To ensure adherence between old and new concrete,
- In abrasion resistant coatings, ceramic bonding applications,
- Where water impermeability is required,
- To increase strength, adherence and water impermeability of mortars, screeds and plasters.

SURFACE AND APPLICATION CONDITIONS

- Air temperature should be between +5°C and +30°C during application.

SURFACE PREPARATION

- The application surface should be cleaned from dust, dirt, rust, paint, oil and similar substances that will reduce adherence.
- The surface should be moisturized.

APPLICATION DETAILS

For Admixed Mortar Applications:

- Sand and cement are mixed dry before ExperAdmix LT 10 is added to the mixture.
- The dry mixture is mixed with the appropriate amount of clean water to obtain mortar.
- ExperAdmix LT 10 is added into the mortar, plaster or screed at the rate of 2,5% of the cement used in the mortar. Then, it is mixed with a trowel or low speed mixer until a homogeneous mixture is obtained with no lumps and made ready for use.

For Adherence Enhancing Primer Application:

- ExperAdmix LT 10 is made ready for application by mixing it with clean water in a ratio of 1/1 - 1/4 depending on the surface to be applied or as required.

WARNINGS

- Do not apply in weather conditions below +5°C above +30°C, in rainy and/or windy weather.
- Do not apply on wet, high humidity, frozen surfaces or surfaces with the risk of freezing within 24 hours.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a dry environment, protected from frost, between +5°C and +25°C. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production. Since products in opened packages will freeze in a short time; they should not be stored again and should be consumed.

ExperAdmix CL 11

COLOR OPTIONS: Light Brown

30
±%2 KG



LIQUID
FORM



PROVIDES RESISTANCE
TO NEGATIVE
AND POSITIVE
LIQUID FORM



PROVIDES
WATER
IMPERMEABILITY

TECHNICAL SPECIFICATIONS

Chemical Structure	Light brown liquid
Density	~ 1,05 g/cm ³ (±0,1)
pH	11,00 (± %10)
Water Soluble Chlorine	<%0,01
Consumption	2% of the cement dosage (should not exceed 7 kg per 1 m ³ of concrete in each concrete class).

* All technical values are calculated at +23°C and 50% relative humidity.
Changes in temperature and humidity change the technical values.

LIQUID, CRYSTALLIZED WATERPROOFING ADDITIVE FOR CONCRETE

Concrete admixture in liquid form that reacts with the chemicals in the concrete after it is mixed into the concrete and makes the concrete mass impermeable to water, thanks to the crystals it forms.

APPLICATION AREAS

Used as waterproofing additive:

- Raft and bored pile foundations,
- Retaining walls, under foundation and curtain concrete walls,
- Elevator pits,
- Treatment plants, potable water and waste water tanks,
- Pools, cisterns, irrigation channels and concrete pipes,
- In subways, tunnels and underground parking lots,
- In precast concrete elements.

SURFACE AND APPLICATION CONDITIONS

- All weather conditions suitable for pouring concrete are suitable for application.

APPLICATION DETAILS

- The drum should be shaken well before application.
- ExperAdmix CL 11 should be added to the mixing water during concrete manufacturing or immediately before concrete pouring to the transmixer with 2% of the cement dosage in the concrete mix in the transit-mixer at high speed until homogenous consistency is obtained. (approximately 5 minutes).
- The working time is about 50 minutes after it is added to the concrete.

WARNINGS

- Amount of water added to the concrete should be reduced by the amount of ExperAdmix CL 11 added to the concrete.
- ExperAdmix CL 11 consumption may vary depending on the cement dosage and admixtures in the concrete design.
- Mixture design and application techniques should be used to prevent voids and segregation in the concrete.
- Aggregate, chemical additives and cement type to be used during the design of concrete should be taken into consideration and necessary tests should be performed.
- Concrete should be poured in accordance with the standards.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

ExperCure AC 10

COLOR OPTIONS: White (After application:
opaque transparent)

30
±%2 KG



READY TO
USE



PREVENTS
SHRINKAGE
CRACKS



PREVENTS
DUSTING

TECHNICAL SPECIFICATIONS

Chemical Structure	White liquid
Density	~ 1,05 g/cm ³ (±0,1)
Drying Time	2 hours
Flashing Point	N/A
Consumption	100-200 g/m ²

* All technical values are calculated at +23°C and 55% relative humidity.
Changes in temperature and humidity change the technical values.

ACRYLIC BASED, SINGLE COMPONENT, SOLVENT-FREE CURING MATERIAL

Acrylic based, single component, liquid curing material that prevents fluid loss of concrete.

APPLICATION AREAS

Used as curing material:

- Indoors and outdoors,
- On horizontal and vertical surfaces,
- After fresh concrete, screed and cement based surface hardener applications,
- In concrete applications at high temperatures, low humidity and high evaporation conditions,
- Field concretes, airport runways, concrete roads, bridges and canals.

SURFACE AND APPLICATION CONDITIONS

- Air temperature should be between +5°C and +30°C during application.
- The application surface must be clean.
- There should be no puddles on the surface.
- If the application surface is horizontal, the application should be started immediately after the concrete loses its free surface water.
- If the application surface is vertical, it should be applied after removing the mold.

PREPARATION OF MIXTURE

- ExperCure AC 10 is ready to use. It is sufficient to shake well before application.
- It should not be diluted with water.

APPLICATION DETAILS

- ExperCure AC 10 is applied as a single coat by roller or suitable spraying equipment immediately after the moulds have been removed or the free surface water of the concrete has disappeared.
- It should be applied in such a way that a thin film layer covering the surface completely is formed.
- Make sure that there is no ponding.
- If necessary, two coats can be applied.
- The waiting time between coats is at least 6 hours.

WARNINGS

- Do not apply in weather conditions below +5°C and above +30°C.
- Immediately after application, the concrete surface should be protected against snow and rain for 2 hours. After this period is completed, ExperCure AC 10 curing material is not affected by external factors.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a dry environment, protected from frost, between +5°C and +25°C. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production. Since products in opened packages will freeze in a short time; they should not be stored again and should be consumed.

Group Companies

OKKAGROUP A.S. successfully continuous its operations with the companies it has established within its structure and sustainably provides the service quality.



OKTAŞ

OKTAŞ BETON A.Ş., has reached an annual production capacity of 1 million cubic meters of ready-mix concrete with its 13 facilities in İzmir, Uşak, Manisa, and Hatay regions, becoming the strongest ready-mix concrete producer in its region.



OKYAP

OKYAP A.Ş. has become the largest producer in Turkey with its facilities reaching an annual production capacity of 50 million units of pumice block, meeting a significant portion of the sector's pumice block needs.



GÜVEN MADENCİLİK

GÜVEN MINING A.Ş., processes pumice in its own mines in Kula/Turkey to provide the demands of the market. It also provides the raw material needs of OKYAP A.Ş. and EXPERAS construction chemicals.



OKKAYAPI

OKKAYAPI A.Ş., undertakes the contracting of large-scale construction projects. With the contribution of its expert and experienced team, it carries out the planning and implementation processes and successfully delivers all projects.



OKKAENERJİ

OKKAENERJİ A.Ş., provides discounted energy supply services to reduce electricity expenses for businesses, industrial enterprises, and public institutions in its region.



OKKAMAKİNA

OKKAMAKİNA A.Ş., successfully carries out the dealership of HYSTER construction equipment, one of the leading brands of the sector known for its high performance, durability and ease of use.



OKKAGLOBAL

OKKAGLOBAL A.Ş., based in England, offers strategic consulting and training services to international companies in business development and management.



OKKAOĞLU SİGORTA

OKKAOĞLU SİGORTA A.Ş., provides professional insurance solution services to the companies and organizations.

Strong Construction, Reliable Future

OKKAGROUP A.S. proudly leverages its vast expertise in the construction sector, cementing a legacy of reliability and excellence.

Why **Experas** ?

Strong Solution Partnership and Shared Success

Experas Construction Chemicals considers companies that prefer its products as a solution partner. It acts with the win-win principle and adds value to each stakeholder who prefers the Experas brand. You can accomplish your goals and achieve success by collaborating with Experas in your journey to build safe and durable structures.





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