

ExperProof CA 60

COLOR OPTIONS: Component A: Grey
Component B: White

30
±%2 KG

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



**Waterproofing
Materials**

**CMO2P
101015**

GÜVEN MADENCİLİK İNŞAAT SAN. ve TİC. A.Ş.

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.



**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/cm ³ Component B: ~1,08 g/cm ³
Mortar Density	1,70 g/cm ³ (±0,1)
Mixture Ratio	15 kg liquid / 15 kg powder
Pot Life	60 minutes
Bond Strength	≥0,5 N/mm ² (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/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.

ADVANTAGES

- Easy to apply.
- Provides seamless and jointless waterproofing.
- High bonding feature.
- Super elastic structure.
- Resistant to negative and positive water pressure.
- High mechanical strength.
- Up to 2,5 mm crack bridging capability.
- It's impermeable.
- It is water vapor permeable and allows concrete to breathe.
- Resistant against thermal shocks.
- Resistant to sulphate, chlorine and soil chemicals.
- Protects concrete surfaces from carbonation and chloride.

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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 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

- 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.

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 coats 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 coats. 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.

CONSUMPTION

- 2,50-3,00 kg/m² (for 2 mm application thickness)

EQUIPMENT CLEANING

- Equipment should be cleaned with clean water immediately after use. Cured material can only be cleaned by mechanical means.

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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.

SAFETY PRECAUTIONS

- During use and storage, work clothes, protective gloves and masks should be used in accordance with the rules of Occupational and Labor Health. Eye, mouth and skin contact should be avoided and the contact area should be washed with plenty of water.
- In more dangerous situations or in case of ingestion of the product, a specialist doctor should be consulted immediately. Food and beverages should not be brought into the application areas. Keep out of the reach of children. For detailed information, the Safety Data Sheet (SDS) should be consulted.

PRODUCT LIABILITY

- Güven Madencilik İnş. San. ve Tic. A.Ş., is only responsible for the quality of EXPERAS branded products. All data presented are the result of practical and scientific studies. The manufacturer cannot be held responsible except for the use of the correct products in appropriate areas and conditions.

LEGAL NOTES

- The information and recommendations for the use of EXPERAS branded products are provided in good faith based on technical knowledge and experience, provided that they are maintained and handled under normal conditions and in accordance with the recommendations. Along with the products, the areas of use and surfaces may vary widely. It is necessary to ensure that the correct EXPERAS branded products are applied on appropriate surfaces and under appropriate conditions. In addition, all information and instructions regarding commercial factors and technical conformity must be strictly followed. The manufacturer cannot be held responsible for any damages and problems that may occur if not complied with. The applicator/user is obliged to make the relevant checks to ensure these details. The specifications of EXPERAS branded products may be changed when necessary. The property rights of third parties must be respected. When the order is confirmed, all existing technical conditions are essential for sales and transportation.

REFERENCE STANDARDS

- TS EN 14891/CMO2P Class

