

ExperRepair RC 35

COLOR: Grey

25
±%2 KG

CEMENT-BASED, POLYMER-MODIFIED, C35 GRADE READY-MIX CONCRETE WITH SPECIAL AGGREGATES AND ADDITIVES

Cement-based, polymer-modified, C35 grade ready-mix concrete containing special aggregates and additives.



SELF-LEVELING

RESISTANT TO
THERMAL SHOCKS

NO CRACKING

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement-based, polymer-modified powder
Mortar Density	2.30 g/cm ³ (±0.1)
Mixing Ratio	3.00-3.30 liters water / 25 kg powder
Pot Life	~60 minutes
Application Thickness	5-30 cm
Adhesion Strength to Substrate	≥1 N/mm ²
Compressive Strength	≥35 N/mm ²
Flexural Strength	≥6 N/mm ²
Dry Unit Weight kg/m ³	2100 ± 200
Soluble Chloride Content	≤% 0,05
Grain Size	0-2 mm
Time to Commissioning	Min. 1 day
Flammability Class	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 affect technical values.

ADVANTAGES

- Easy to apply.
- Self-leveling and fills voids.
- Provides high adhesion on concrete and plastered surfaces without requiring a primer.
- Dries quickly, allowing for short-term use. Saves time and labor.
- Resistant to thermal shock, water, and freeze-thaw cycles.
- Does not crack or dust.
- Ensures high performance across the entire area thanks to its homogeneous structure.

APPLICATION AREAS

- Used for repair purposes in: Indoor and outdoor applications
- Horizontal and vertical applications
- Floors before ceramic, granite, marble, and similar flooring applications
- Supports and props, door, window, and beam lintels
- Filling floor screeds and utility voids
- Assembly of prefabricated elements
- Repair of concrete and precast concrete elements
- Repair and leveling of wall plasters
- Filling floors and voids

Repair and Structural Technical Mortars

106125

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

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**Repair and
Structural Technical
Mortars**

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SURFACE AND APPLICATION CONDITIONS

- Ambient temperature should be between +5°C and +35°C.
- Avoid application in humid, rainy, and high-temperature weather conditions.
- Should not be applied on frozen, thawing surfaces, or surfaces with a risk of rain or frost within 24 hours.

SURFACE PREPARATION

- Check the bearing capacity and soundness of the surface, ensuring it is sound and clean.
- The application surface must be clean, smooth, and sound. Dust, dirt, paint, oil, and loose particles must be cleaned from the surface.
- Rusted reinforcements on the surface should be cleaned with a wire brush.
- The application surface should be wetted and kept moist.

PREPARATION OF THE MIXTURE

- Pour 3.00-3.30 liters of clean water into a clean container.
- Then, slowly add ExperRepair RC 35 powder to the water-filled container and mix with a low-speed mixer (400-600 rpm) until a homogeneous and lump-free mixture is obtained.
- The prepared mixture should be left to rest for 2-3 minutes before application.

APPLICATION DETAILS

- Apply the mixed material to the surface using a trowel.
- A maximum of 2 mm should be applied in a single pass.
- If an application thicker than 2 mm is required, wait 3 hours before applying subsequent layers and moisten the surface before applying the new layer.
- Surface leveling is done with a plastic trowel or a damp sponge.
- After application, the surface should be moistened for 2-3 days.

WARNINGS

- Do not apply in weather conditions below +5°C or above +30°C.
- Avoid application in frozen areas, areas with a risk of freezing within 24 hours, conditions that may hinder application or damage the surface after application, or under direct sunlight.
- Not applicable on surfaces such as stone, aerated concrete, gypsum, old painted surfaces, etc.
- Do not add water to hardening mortar.
- The application surface should be watered for a maximum of 7 days, depending on weather conditions.
- Do not re-add water to mixtures that have exceeded their pot life and use them.
- If applying to very large areas, intermittent expansion joints should be created.
- For applications over very absorbent, worn concrete, it is recommended to prime the surface with ExperPrime AS 30.

CONSUMPTION

- 1.90-2.10 kg/m² (for 1 mm application thickness)

EQUIPMENT CLEANING

- Equipment should be cleaned with solvent immediately after use. Cured material can only be cleaned by mechanical methods.

STORAGE AND SHELF LIFE

- Store in unopened original packaging, in a closed, humidity-free, dry environment, protected from frost. Do not overload products in a way that could damage their packaging.
- Under appropriate storage conditions, the shelf life is 12 months from the production date.

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SAFETY PRECAUTIONS

During use and storage, wear appropriate work clothing, protective gloves, and a mask in accordance with Occupational Health and Safety rules. Avoid contact with eyes, mouth, and skin; wash the affected area with plenty of water.

In more dangerous situations or if the product is swallowed, consult a specialist doctor immediately. Do not bring food or drinks into application areas. Keep out of reach of children. For detailed information, refer to the Safety Data Sheet (SDS).

RESPONSIBILITY

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

LEGAL NOTES

The information and usage recommendations provided for EXPERAS branded products are given in good faith, based on technical knowledge and experience, provided they are stored and handled under normal conditions and in accordance with recommendations. Products, application areas, and surfaces may vary significantly. It is necessary to ensure that the correct EXPERAS branded products are applied to appropriate substrates and under suitable conditions. Furthermore, all information and instructions given regarding commercial factors and technical suitability must be strictly followed. The manufacturer cannot be held responsible for any damage or problems that may occur if these are not followed. The applicator/user is obligated to perform the relevant checks to ensure these details. Changes may be made to the features of EXPERAS branded products when necessary. The property rights of third parties must be observed. All existing technical terms regarding sales and shipping are essential when an order is confirmed.

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