

ExperProof CC 70

COLOR OPTIONS: Grey

25
±%2 KG



Waterproofing Materials

101425

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

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.



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.

ADVANTAGES

- Easy to apply.
- Can be applied from both the negative and positive side.
- Penetrates into the concrete and fills capillary spaces.
- Since it is reactive, it provides water impermeability by reacting with water molecules throughout the service life of the concrete to which it is applied.
- Can be applied on old, new, exposed concrete surfaces
- No primer is required prior to application.

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 repair mortar 24 hours before the application.

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Technical Information Form

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 coats 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.

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.

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.