

# 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.



RAPID SETTING



HIGH ADHESION  
STRENGTH

### TECHNICAL SPECIFICATIONS

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

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

### ADVANTAGES

- Fast setting. After 3-4 hours, grout application can be started. After 6 hours it can be walked on.
- High adhesion strength.
- Provides high stability; does not sag on vertical surfaces.
- Resistant to water, frost and thermal shocks.

### 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.

## Ceramic Adhesive Mortars

# C2FT 105625

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

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**Ceramic Adhesive  
Mortars**

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## 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 danger 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 4,75-5,25 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.

## 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 25-30 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.

## CONSUMPTION

- 4,00-6,00 kg/m<sup>2</sup>

## EQUIPMENT CLEANING

- Equipment should be cleaned with solvent 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 6 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.

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## PRODUCT LIABILITY

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## REFERENCE STANDARDS

• TS EN 12004/C2FT Class

