

ExperTile DT 16

COLOR OPTIONS: White

5
±%2 KG



Ceramic Adhesive Mortars

105905

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

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.



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.

ADVANTAGES

- High flexibility and adhesion strength.
- Saves time and labor thanks to its long working time.
- Allows top-down laying.
- Provides high stability; does not sag on vertical surfaces.
- Resistant to water, frost and thermal shocks.
- Ready to use

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.

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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.
- 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.

CONSUMPTION

- With a 6 mm notched trowel: 2,00-3,00 kg/m²
- With a 8 mm notched trowel: 3,00-4,00 kg/m²

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 12 months from the date of production.

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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 12004/D2TE Class