

EUNITILE G2

IMPROVED CEMENTITIOUS TILE GROUT WITH HIGH ABRASION RESISTANCE AND REDUCED WATER ABSORPTION

DESCRIPTION

EUNITILE G2 is a high-performance cementitious tile grout. It complies with the standard specifications ISO 13007-3 and BS EN 13888 CG2 (AW). It is classified as an improved cementitious grout with exceptional characteristics, including high abrasion resistance and reduced water absorption. The product meets the ANSI A118.6 standard, ensuring its quality and performance.

USES

EUNITILE G2 serves as a general-purpose colored grout, specifically designed for tile joints. This product is suitable for both interior and exterior applications, making it ideal for walls, floors, kitchens and bathrooms. With its compatibility with all types of ceramic tiles and the ability to accommodate joint widths up to 8 mm, EUNITILE G2 offers a convenient solution for creating visually appealing and durable tile installations.

ADVANTAGES

- Crack-free jointing.
- Excellent adhesion.
- Clear fade-resistant colors.
- Easy to apply with good workability.
- Shrinkage resistant, free of cracks.
- High abrasion resistance.

TYPICAL PROPERTIES

Appearance: Cementitious Colored Powder

Specific gravity: 1.6

Water Absorption:

30 min: < 2 g

240 min: < 5 g

Compressive Strength (28 days) (ISO 13007-4, 4.1.4): > 15 MPa

Flexural strength (@28 days) (ISO 13007-4, 4.1.3): > 2.5 MPa

Shrinkage (ISO 13007-4, 4.3): < 3 mm/m

Abrasion Resistance (ISO 13007-4, 4.4): < 1000 mm³

Pot Life: 2 hours depending on ambient temperature

Initial Setting Time : 30 min depending on ambient temperature

Final Setting Time: 2 hours depending on ambient temperature

APPLICATION

Application Conditions: Temperature should be between 5°C and 35°C.

Surface Preparation

Before grouting, ensure that the adhesive has completely dried and hardened. Before proceeding with the grouting process, it is essential to ensure that all tile joints and edges are free and clean of any excess tile fixing mortar or foreign matter. Use a brush or a damp cloth to remove any debris or residue that may interfere with the grout application. This step ensures proper adhesion of the grout and helps achieve a clean and professional finish. Take care to inspect each joint and edge thoroughly to ensure they are ready for grouting. By maintaining a clean and debris-free surface, you can achieve optimal results when applying EUNITILE G2 tile grout.

MIXING

To prepare the EUNITILE G2 tile grout for application, add approximately 6 L - 7 L of water to a 20 kg bag of the grout. It is recommended to use a suitable mixer to ensure thorough mixing and achieve a thick and creamy consistency. Mix the grout and water together until they are well blended, ensuring there are no lumps or dry pockets in the mixture. Allow the grout to stand for 5 minutes, then give it a gentle stir to ensure consistency. The grout is now ready for application. By following these instructions and ensuring proper mixing, you can achieve a smooth and workable EUNITILE G2 grout mixture for your tiling project.

Application Instructions

To apply EUNITILE G2 tile grout, begin by using a rubber grout float to fill the joints with the grout mixture. Ensure that the joints are thoroughly filled and leveled. After applying the grout, use a moist sponge to remove any excess grout from the tile surface before it begins to dry. This step is important to achieve clean and precise grout lines.

It is recommended to work in smaller sections and avoid applying the grout to an area that cannot be completed within a reasonable timeframe. This allows for better control and ensures a consistent application.

For porous tiles, it is advisable to moisten them with water before applying the grout. This helps prevent excessive absorption of moisture from the grout, which can affect its performance.

Once the grout has dried but before it has fully hardened, use a clean, dry cloth to polish the tiles, ensuring that the grout joints are flush with the tile surface. This step helps to achieve a smooth and uniform appearance.

Approximately 24 hours after grouting, moisten the grout joints with a wet sponge. This aids in the curing process and ensures proper setting of the grout.

CONSUMPTION

EUNITILE G2 consumption is dependent upon tile size and joint dimensions. It can be calculated using the formula below:

Consumption $= ((A+B) \cdot C \cdot D \cdot G) / (A \cdot B)$, where

A = Tile length

B = Tile width

C = Joint width

D = Joint depth (tile thickness)

G = Specific Gravity

PACKAGING

EUNITILE G2 is supplied in 5- and 20-kg Plastic bags.

STORAGE

EUNITILE G2 should be stored in a cool, dry place, away from direct sunlight and extreme heat and cold.

The shelf life of EUNITILE G2 is 12 months from the date of production.

HEALTH AND SAFETY

For more information, please check the Material Safety Data Sheet.

CONTACT

Al-Faiha for Engineering Products is the exclusive licensee manufacturer for ECA.

For more information, please contact us at techsupport@alfaihaengineering.com.

DISCLAIMER

ECA aims to ensure the accuracy of information and recommendations in the product literature. However, due to variations in materials, substrates, and site conditions, and without control over product application, storage, weather, and usage conditions, ECA cannot be held liable for any resulting issues.

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