

EUNITILE G1

NORMAL CEMENTITIOUS GROUT FOR CERAMIC TILES, SUITABLE FOR JOINTS UP TO 6MM IN WIDTH

DESCRIPTION

EUNITILE G1 is a general-purpose cementitious tile grout for interior applications, compatible with all types of tiles such as ceramics. Specifically formulated to fill joints between 3 to 6 mm in width, it requires only the addition of water for easy preparation.

USES

EUNITILE G1 is a versatile, general-purpose colored grout designed for use with tile joints. Its adaptability makes it suitable for various applications, providing a dependable solution for your tiling projects.

ADVANTAGES

- Crack-free jointing
- Excellent adhesion
- Clear, fade-resistant colors
- Excellent for internal applications
- Shrinkage resistance
- Easy to use, requires only the addition of water

STANDARD

EUNITILE G1 complies with the following standards: ISO 13007, BS EN 13888 CG1, and ANSI A118.6.

APPLICATION

surface preparation

Before grouting, ensure that the adhesive has completely dried and hardened.

To prepare the surface, it is crucial to ensure that all tile joints and edges are completely free and clean of any excess tile fixing mortar and foreign matter. This step is essential to create a suitable surface for the application.

TYPICAL PROPERTIES @

Appearance	Colored Powder
Specific Gravity	1.6 g/cm ³
Water Absorption	30 min. < 5 g 240 min. < 10 g
Pot Life	2 Hours
Shrinkage (ISO 13007-4, 4.3)	< 3 mm/m
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
Abrasion Resistance (ISO 13007-4, 4.4)	<2000 mm ³
Initial Setting Time	30 min.
Final Setting Time	2 Hours

Note : Pot life properties are depending on weather

MIXING

To ensure proper mixing, use a mechanically powered mixer or drill.

Add (1.50 - 1.75) litres of fresh water for the 5 kg bags.

Mixing should be done using a mixer until you achieve a thick and creamy consistency. After mixing, let the mixture stand for 5 minutes, then restir it before application. This ensures that your grout is well-prepared and ready for use

Note: Adding extra water will cause defects and unstability in colors of the tile grout, weak the joints, cause surface discolouration, promote the formation of cracks.

APPLICATION INSTRUCTIONS

- Begin by applying EUNITILE G1 into the joints using a rubber float or spatula (Remove excess grout with a moist sponge before it dries)
- Porous tiles should be moistened with water before grouting
- Before EUNITILE G1 has dried and hardened, polish the tiles with a clean, dry cloth, leaving the joints flush with the tile
- Around 24 hours before grouting, use a wet sponge to moisten the joints to achieve the desired finish
- For easy cleanup, immediately clean all tools and equipment with water

CONSUMPTION

EUNITILE G1 consumption is dependent upon tile size and joint dimensions.

It can be calculated using the formula below

Consumption (m²/Kg) = $(0.7(A*B)) / S*D*G$ (A+B) where:

A = Tile length (m)

B = Tile width (m)

S = Joint width (m)

D = Joint depth (tile thickness) (m)

G = Specific Gravity (Kg/m³)

PACKAGING

EUNITILE G1 is supplied in 5 kg and 20 kg bags.

STORAGE

EUNITILE G1 should be stored in a cool, dry place, away from direct sunlight and extreme heat and cold.

The shelf life of EUNITILE G1 is 12 months from the date of production.

HEALTH AND SAFETY

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

CONTACT

For information regarding the licensee or manufacturer for ECA, 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.