

# EUNITILE G2

**IMPROVED CEMENTITIOUS TILE GROUT WITH HIGH ABRASION RESISTANCE AND REDUCED WATER ABSORPTION, SUITABLE FOR JOINTS UP TO 8MM IN WIDTH**

## DESCRIPTION

EUNITILE G2 is a high-performance cementitious tile grout with high abrasion resistance and reduced water absorption, suitable for both interior and exterior applications with all types of ceramic tiles, for joint widths up to 8mm. It is easy to use and requires the addition of water only.

## 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 workability
- Shrinkage resistance
- High abrasion resistance
- Easy to use requires only addition of water

## STANDARD

Eunitile G2 complies with the following standards: ISO 13007-3, BS EN 13888: CG2 AW, and ANSI A118.6. It is classified as an improved cementitious grout with high abrasion resistance and reduced water absorption.

## TYPICAL PROPERTIES

TYPICAL PROPERTIES	
Appearance	Colored Powder
Specific Gravity	1.6
Water Absorption	30 min. < 5 g 240 min. < 5 g
Pot Life	2 Hours
Shrinkage (ISO 13007-4, 4.3)	< 3 mm/m
Compressive Strength	> 15 Mpa
Flexural Strength (@28	> 2.5 Mpa
Abrasion Resistance	< 1000 mm <sup>3</sup>
Initial Setting Time	30 min.
Final Setting Time	2 Hours

Note : Pot life properties are depending on weather conditions.

## APPLICATION

### surface preparation

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

To prepare the substrate, it is crucial to ensure that all the joints and edges are completely free and clean of any excess tile fixing mortar and foreign matter.

This step is essential to create suitable surfaces for the application.

## MIXING

To ensure a proper mixing, a mechanically powered mixer or drill should be used.

Add (1.50 - 1.75 ) litres of fresh water for the 5 Kg bags, Mixing should be done by using a mixer until you achieve a thick and creamy consistency.

After mixing, let the mix stand for 5 minutes , and then re-stir it before the application. This ensure 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

To apply EUNITILE G2 tile grout, begin by using a rubber grout

- Apply EUNITILE G2 into the joints using a rubber float or spatula.
- Remove excess grout with a moist sponge before drying
- Do not apply EUNITILE G2 to an area which is so large that it cannot be completed Within an hour
- Porous tiles should be moistened with water before grouting
- Before EUNITILE G2 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 achieving the desired finish
- For easy cleanup, immediately clean all the tools and equipment with water

## CONSUMPTION

EUNITILE G2 consumption is dependent upon tile size and joint dimensions.

It can be calculated using the formula below:

Consumption ( $m^2/Kg$ ) =  $(0.7( A*B)) / S*D*G (A+B)$  where:

A = Tile length (m)

B = Tile width (m)

S = Joint width (m)

D = Joint depth (tile thickness) (m)

G = Specific Gravity ( $Kg/m^3$ )

## PACKAGING

EUNITILE G2 is supplied in 5 kg and 20 kg 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

For information regarding the licensee or manufacturer for ECA, please contact us at [techsupport@alfaihaengineering.com](mailto: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.