

EUNITILE G2 (H)

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

DESCRIPTION

EUNITILE G2 (H) is a high-performance, polymer-fortified, water-repellent Portland cement grout that delivers dense and durable grout joints. This exceptional grout is designed for use in submerged areas and swimming pools, requiring only the addition of water for easy preparation.

EUNITILE G2 (H) conforms to standard specifications, including ISO 13007-3 and BS EN 13888 CG2 (AW), as an improved cementitious grout with high abrasion resistance and reduced water absorption. It also complies with ANSI A118.6.

USES

EUNITILE G2 (H) is a versatile grout designed for a range of applications. It is well-suited for use in submerged areas and swimming pools, where its water-repellent properties help minimize the chances of efflorescence. Additionally, it is a reliable choice for general use in wet and dry areas, including walls, floors, kitchens, and bathrooms. EUNITILE G2 (H) offers compatibility with all types of tiles and the ability to accommodate joint widths up to 10 mm. Whether you're working on challenging submerged environments or common household tiling projects, EUNITILE G2 (H) is a dependable option.

ADVANTAGES

- Water-repellent, minimizing the chances of efflorescence.
- Excellent adhesion.
- Clear, fade-resistant colors.
- Easy to apply with good workability.
- Shrinkage resistant, free of cracks.
- High abrasion resistance.
- Reduced water absorption.

TYPICAL PROPERTIES

Appearance: Cementitious colored powder

Specific gravity: 1.676

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: 3 - 4 hours depend on ambient temperature

Initial Setting time: 1 hour depending on ambient temperature

Final Setting time: 3 hours depending on ambient temperature

APPLICATION

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

Surface Preparation

To prepare the surface, ensure that all tile joints and edges are thoroughly cleaned, free from any excess tile fixing mortar, and free from any foreign matter. This crucial step ensures a clean and suitable surface for the application.

MIXING

To prepare EUNITILE G2 (H) for use, add approximately 7 L - 7.5 L of water to every 20 kg of the product. Thoroughly mix the components using a mixer until you achieve a thick and creamy consistency. Let the mixture stand for 5 minutes, then re-stir it before application. These steps ensure that your grout is well-prepared for use and will deliver optimal results.

Application Instructions

When working with EUNITILE G2 (H), it is important to follow a series of steps to ensure a successful application. Start by using a rubber grout float to apply the grout into the joints, ensuring thorough coverage. Be diligent in removing excess grout with a moist sponge before it has a chance to dry, as this will help maintain a clean finish.

To avoid complications, do not attempt to grout an area that's too large to complete in a reasonable timeframe. If you're working with porous tiles, be sure to moisten them with water within an hour of grouting.

Once the grout has dried but not fully hardened, polish the tiles using a clean, dry cloth, making sure to leave the joints flush with the tile.

Around 24 hours after grouting, it's advisable to dampen the joints with a wet sponge to achieve the desired finish. Lastly, make cleaning up easier by promptly cleaning your tools and equipment with water after use.

PACKAGING

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

STORAGE

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

The shelf life of EUNITILE G2 (H) 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.

20-01-2024