

EUNITILE A2



CEMENTITIOUS POLYMER MODIFIED TILE ADHESIVE WITH HIGH SLIP RESISTANCE FOR INTERNAL AND EXTERNAL USE

DESCRIPTION

Eunitile A2 adhesive is a high-strength, cement-based tile adhesive designed for superior adhesion on challenging surfaces like existing tiles or concrete. Eunitile A2 feature slip resistance, making it suitable for vertical applications, and for areas exposed to moisture, such as bathrooms and pools. Eunitile A2 adhesive is also durable under heavy loads, making them perfect for high-traffic areas, exterior facades.

USES

EUNITILE A2 serves as a versatile solution for various tiling applications:

- Ideally designed for large format tiles including porcelain, heavy duty application of tiles and stone
- Suitable for both wet and dry areas such as kitchens ,bathrooms and swimming pools
- Suitable for tile-over-tile applications
- Bonding heavy duty tiles on cementitious substrates such as concrete, plaster, and screeds
- Internal and external use where no high deformation resistance is required
- Ideal design for natural and heavy loaded stone

ADVANTAGES

- High bond strength
- Easy to use
- Water-resistant
- Suitable for internal and external applications
- Non Sag, can be used for wall applications

STANDARD

EUNITILE A2 complies with the following standards:

- EN 12004:2017 Class C2T
- AS ISO 13007:2010 Class C2T

TYPICAL PROPERTIES

Appearance	White Powder
Mixed density	~1780 Kg/m ³
Tensile Adhesion Strength in Compliance with (EN 12004-2)	
Initial	≥ 1.0 Mpa
After Heat Exposure	≥ 1.0 Mpa
After Water Immersion	≥ 1.0 Mpa
Slip	≤ 0.5 mm
Pot Life	2 - 3 Hours
Open Time	≤ 20 Minuites
Ready to Walk	24 Hours Minimum
Ready for Grouting	Wall 8 Hours Floor 24 Hours

The inspected results obtained at normal lab conditions (Temperatures :23C+_ 2 , RH 50 % +-4)

APPLICATION

surface preparation

Before applying the product, it is crucial that all substrates are thoroughly cleaned, dry and free from any contaminants that could impact the bonding process. To prepare the surface, it is recommended to spray an adequate amount of clean potable water to neutralize the suction of the background. This helps to create a more suitable surface for the application of the material, ensuring optimal adhesion and performance.

MIXING

To prepare EUNITILE A2 for use, add (5.0 - 5.5) liters of fresh water for each 25 kg bag.

Add the water to a clean container, then slowly add the powder while mixing continuously using a forced-powered mixer until a uniform and lump-free consistency is achieved. For optimal results, allow the mixture to stand for 5 minutes before application. It is recommended to mix full bag volumes using a forced action mixer, and it's important to note that once the adhesive has lost its workability, it should not be re-mixed by adding more water. All tools should be cleaned immediately after use with fresh water, and any hardened material should be removed mechanically.

APPLICATION INSTRUCTIONS

For optimal results with EUNITILE A2, follow these application guidelines:

- Apply EUNITILE A2 to the substrate, ensuring a uniform thickness of 3 mm - 6 mm or enough to cover the studs or keys on the tile back. Keep the working area to a maximum of 1 m²
- For horizontal applications, particularly with ceramic tiles, it is advisable to use solid bed fixing. Alternatively, you can apply EUNITILE A2 as a buttered layer on the backs of the tiles to ensure full adhesive contact
- Ensure that the tiles are dry and fix them by pressing into place with a slight twisting motion, guaranteeing that the tile back achieves full contact with the adhesive
- Note: Avoid applying adhesive over an area larger than what can be covered within the open time of the product

COVERAGE

The coverage of EUNITILE A2 is approximately 5m² per bag 25Kg at 3 mm thickness.

PACKAGING

EUNITILE A2 is supplied in 20 kg and 25 Kg bags.

STORAGE

EUNITILE A2 Packages should be kept dry and cool between 5°C and 40°C in moisture-free conditions.

Avoid direct sunlight. Packages should be protected from water, frost, sunlight and adverse weather conditions.

The shelf life of EUNITILE A2 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

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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.