

# EUNITILE A2



**STRONG CEMENTITIOUS TILE ADHESIVE WITH HIGH SLIP RESISTANCE FOR INTERNAL AND EXTERNAL USE**

## DESCRIPTION

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

## USES

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

- Excellent for fixing ceramic, porcelain on floors and walls in both interior and exterior settings
- Fixing natural stone tiles, such as marble or granite
- Suitable for both wet and dry areas such as kitchens, bathrooms and swimming pools
- Suitable for tile-over-tile applications
- Suitable for areas with high traffic and under heated floors

## 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: ISO 13007-1 and BS EN 12004 as a modified cementitious tile adhesive with slip resistance (C2T).

## TYPICAL PROPERTIES

Appearance	White Powder
Tensile Adhesion Strength in Compliance with (EN 12004-2)	
Initial Bond @ 28 days	≥1.0Mpa
After Heat Exposure	≥1.0 Mpa
After Water Immersion	≥1.0 Mpa
After Freeze,Thaw Cycles	≥1.0 Mpa
Slip	< 0.5
Pot Life	5 - 6 Hours
Compressive Strength @ 7days (ASTM C190 & BS EN 196-1)	> 3.0 Mpa
Open Time	20 min. @20 °C & 50% relative humidity
VOC	< 10 g/ltr
Pull-Off Strength (ASTM D4541)	0.9 Mpa

Note : Pot life and open time properties are depending on weather conditions.

## APPLICATION

### surface preparation

Before applying the material, 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 (4.8 - 5.2) L of fresh water for each 20 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 m<sup>2</sup>
- 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

## PACKAGING

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

## COVERAGE

The coverage of EUNITILE A2 is approximately 7.0 - 8.0 m<sup>2</sup> per bag at 2 mm thickness.

## STORAGE

EUNITILE A2 should be stored in a cool, dry place, away from direct sunlight and extreme heat and cold.

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 [techsupport@alfaihaengineering.com](mailto:techsupport@alfaihaengineering.com).

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