

ACE TILE GLUE

Standard tile adhesive

PRODUCT

ACE TILE GLUE is a ready-mixed standard cementitious tile adhesive for internal use.

ACE TILE GLUE can fix a wide range of ceramic tiles. It can be used to tile directly onto the following substrates:

- Concrete
- Cementitious plaster and renders

Gypsum substrates are not advisable.

CHARACTERISTICS

Appearance	Powder
Composition	Cement, siliceous sand and additives
Color	Grey
Density	1.55 kg/lit. $\pm$ 0.05
Open Time	15 min. at 20°C
Pot Life	2 hrs at 20°C
Setting Time (min.)	Initial set: 570 Final set: 750
Resistance to slip	Excellent
Shelf Life	12 months
Mixing Ratio	4 to 4.8 lit. per 20 kg 5 to 6 lit. per 25 kg
Coverage	3 to 7 kg/m ²
VOC and formaldehyde content ISO/FDIS 11890-2/GC-MS	None (<10µg/l)
Service Temperature	-20°C to +70°C
Packaging	20 and 25 Kg



PRODUCT PREPARATION

Mix **ACE TILE GLUE** in the proportion of 5 to 5.5 liters of clean cool water per 25 kg bag. An electric mixer with low rotation speed (< 300 rpm) can be used. Mix until a uniform lump free paste is obtained. Let the paste rest for a few minutes before starting the application.

PRODUCT APPLICATION

Apply **ACE TILE GLUE** evenly on the substrate. Use a notched trowel to have a uniform thickness according to the size of the tile. Apply the tiles on the substrate and press them firmly, while making sure that the paste does not slip from the tile sides. **ACE TILE GLUE** can also be applied on the back of tiles to ensure full adhesion on the entire surface. In case exceptional performance is required, each bag of 25 kg of **ACE TILE GLUE** should be mixed with 1 liter (styrene butadiene latex bonding agent) + 3 liters clean water.

Test for EN 12004:2007

Open Time by Tensile Adhesion acc. EN 1346:2007 (N/mm ²)	5 minutes	0.77
Tensile Adhesion Strength acc. EN 1348:2007 (N/mm ²)	Con A	0.8
	Con B	0.8
	Con C	0.5
	Con D	0.9

APPLICABLE STANDARDS

EN 1346, EN 1348, ANSI A118.4, EN 12004

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

Substrate must be clean and free from greasy matters or dust. It should have been sufficiently cured in a way that any shrinkage has already occurred.

Moisten slightly the substrate if it is dry at the time of application, never moisten the tiles.

CLEANING

Clean the tools with water after use. Cured materials can only be removed mechanically.

PRECAUTIONS

Apply **ACE TILE GLUE** on the substrate by areas of around 1m² each, which can be tiled within a maximum of 15 minutes

from application time at 20°C. After that time, an outer skin may form thus preventing the tile from adhering properly to **ACE TILE GLUE**. Adjustments to the tiles should only be made during its open time. It is recommended to leave a minimum width of 2 mm around the tiles (or as designed). Grouting the tile joints should only be done at least 24 hours after tiling, using **ACE TILE GLUE**.

STORAGE

12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

SAFETY PRECAUTIONS

The product contains cement powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable that the application be done in a ventilated area, and to wear protective gear for hands, eyes and respiratory system and to avoid breathing of the dust. Splashes on the skin should be washed away by cleaning thoroughly with soap and water. In case of contact with eyes, wash thoroughly with clean water and seek medical attention. If swallowed, do not induce vomiting and seek medical attention. The product is non-flammable.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

NOTE

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