



Construct Flexible

SPECIAL CEMENT-BASED TILE ADHESIVE
FOR PORCELAIN TILES C2TE S1

Deformable adhesive made with mixed bonding materials, for laying indoor and outdoor porcelain stoneware tiles. Reduced vertical slip and high bond strength.

- Special adhesive for porcelain tiles
- Flexible
- Underfloor heating

DESCRIPTION

Cement-based adhesive, classified as C2TE S1 according to Standard EN 12004, and as S1 according to Standard UNE-EN 12002.

Developed by **aplica®** for the laying of low absorption ceramic and porcelain tiles. Adhesive made up of hydraulic bonding materials which give it a high bond strength, and chemical bonding materials which increase shear adhesive strength considerably. Excellent wetting ability and reduced slip for a guaranteed perfect finish.

APPLICATION SURFACES

Conventional surfaces and cement-based mortar floors and finishes. The application surface must be hard, perfectly set and free from dust, paint, oil, etc.

INSTRUCTIONS FOR USE



- 1 Add water and mix by hand or mechanically until you obtain a smooth paste of a workable consistency.
- 2 Leave the paste to stand for 5 minutes and mix again before applying.
- 3 Spread the paste on the surface in sections of a surface area no larger than 2 m², combing with a suitable trowel. If double gluing is required, spread the mixture over the back of the tile as well.
- 4 Put the ceramic tiles on top of the freshly-laid adhesive, pressing lightly to ensure that the whole tile surface comes into contact with the adhesive, filling any grooves.
- 5 Leave a joint of a width of at least 1.5 mm between indoor tiles and at least 5 mm between outdoor tiles. Wait 24 hours before grouting wall tiles and 48 hours before grouting floor tiles.
- 6 Respect all perimeter and structural joints. Place one partition joint every 50 m² for indoor floor tiling, and one every 30 m² for outdoor floor tiling.

APPLICATIONS

Tiling indoor and outdoor floors and renderings using any type of ceramic tile. Tiling plasterboard with porcelain tiles. Perfect for indoor and outdoor porcelain tiles. Floors with underfloor heating. A double glue technique should be used for tiles larger than 40 cm x 40 cm.

WARNINGS AND RECOMMENDATIONS

- Do not exceed heights of 2 m on outdoor renderings.
- For plaster surfaces, use **aplicaCer Plaster Special** or **aplicaCer Extra Thick-Set**. Avoid applying on dead plaster or weak renderings.
- Do not apply when frost or rain are forecasted, or at temperatures below 5 °C or above 35 °C.
- In extreme weather conditions (wind or high temperatures), the product will dry more quickly than usual. This will result in a shorter open time.
- In high temperatures, windy conditions or if the application surface is very absorbent, it is advisable to moisten the surface and wait for the film of water to disappear before applying the product.
- Check, periodically, that a surface film has not formed on the adhesive paste once it has been spread onto the surface. If a film has formed, remove the product and apply a fresh coat.
- Check that the paste is sticky enough by periodically lifting one of the tiles already in place to ensure that it is well stuck down.
- Use within 1 year of date of packaging. Store the product in its original packaging in a dry, covered place protected from humidity.

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AVAILABLE FORMATS

Construct Flexible is available in 25 kg paper sacks with moisture-proof plastic lining, dispatched on shrink-wrapped pallets weighing a total of 1,600 kg (64 sacks).



CEMENT-BASED
ADHESIVES

TECHNICAL FEATURES

Appearance	Grey or white powder	Adhesive strength under normal conditions	$\geq 2 \text{ N/mm}^2$
Grain size	$< 1 \text{ mm}$	Adhesive strength after water cycle	$\geq 1 \text{ N/mm}^2$
Powder density	1,4 kg/l	Adhesive strength after heat cycle	$\geq 2 \text{ N/mm}^2$
Paste density	1,5 kg/l	Adhesive strength after freeze/thaw cycling	$\geq 1 \text{ N/mm}^2$
Mixing water	6,2-6,72 l/sack	Adhesive strength after 30 minutes	$\geq 1 \text{ N/mm}^2$
Paste life	3 hours	Transverse deformation	$\geq 2,5 \text{ mm}$
Adjustment time	25 minutes		3 - 4 kg/m ² 6 - 8 kg/m ²
Open time	30 minutes		
Slip	$\leq 0,5 \text{ mm}$		

Data based on tests carried out under normal laboratory conditions $23 \pm 2^\circ\text{C}$ and $50 \pm 5\% \text{HR}$ $< 0.2 \text{ m/s}$

NOTE

The recommendations for use are based on our own knowledge and experience. The technical data provided have been obtained under normal laboratory conditions, and may therefore vary according to the environmental conditions in the place where the product is used. As the application conditions are beyond our control, the information provided here does not imply that the company accepts responsibility for any variations.