



TECHNICAL DATA SHEET

GLOXER C2TE S1 FLEX

DESCRIPTION

Highly flexible cementitious adhesive for wall and floor tiles in interior and exterior of all kinds of ceramics. Especially suitable for placement of large format ceramic facades.

COMPOSITION

Cement based product, selected aggregates, synthetic resins and mixed binders provide a quality, workability and excellent adhesion.

CHARACTERISTICS

Cementitious adhesive suitable for coatings, indoor and outdoor paving pavement.
Special placement of all types of ceramic, marble, stone, etc.. In facades, ceramics suitable for large format up to 40 kg per m²
Product with excellent adhesion.
Extended open time and reduced slip.

HOW TO USE

Mix the product with 25% water, manually or with a low-speed electric mixer (500rpm) until a homogenous blend is achieved. Let the mix to stand for a few minutes and then stir the mix before applying. Spread the mix with a notched trowel (see the notched-trowel panel) in a maximum surface of 2 m², because, the shorter the time between the spreading of the mix and the laying of the tiles, the higher will be the adhesion. Lay the tiles onto the adhesive and ensure that a firm pressure is applied to achieve good contact with the adhesive.
Special care must be given to all construction joints (expansion, contraction and perimeter corner joints) as well as to the joints between the cement slabs (minimum 2 mm.)
On floor areas larger than 30 m², leave partition joints.
On interior floorings larger than 15 m², leave perimeter joint between the floor and the wall or pillar.
Joints must be grouted after 24 hours on vertical surfaces and after 48 hours on floorings.

PRECAUTIONS

The substrate must have good flatness, otherwise, it's recommendable to smooth the surface with the same product at least 48 hours before applying the product and laying the tiles.
If the product must be applied in hot or windy weather or onto high absorption substrate, it's recommendable to wet the substrate.
The substrate must be clean, free of loose particles, paint and grease.
DO NOT APPLY ONTO PLASTER.
For gypsum based substrates, use GLOXER C1E YESO.
Do not apply at temperatures below +5° C or above +35° C.
For further information consult Material Safety Data Sheet (MSDS)

COLORS

White and Gray.

SUPPORTS

Conventional Supports in walls and floors inner and outer.
Cement and plasterboard support based.

CONSERVATION

Store in a dry place.

STORAGE

Shelf life is approximately 12 months from date of manufacture if stored in unopened original packing in dry conditions.

PACKAGING

25 kgs. 3 ply paper-plastic-paper sacks.

Shrink-wrapped pallets of 1.400 kg.(56 sacks)



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TECHNICAL DATA

Aspect	White or grey powder
Open time	30 min aprox.
Adjustment time	30 min aprox.
Lifetime of the paste	2 h.
Grouting time	24 h.
Ready for light foot traffic	from 24 to 48 h.
Approximate yield.	4 to 5 kg m ² .

TECHNICAL PROPERTIES

	Value	Regulation
Initial tensile adhesion strength	≥ 1 N/mm ²	UNE EN-1348 8.2
Tensile adhesion strength after water immersion	≥ 1 N/mm ²	UNE EN-1348 8.3
Tensile adhesion strength after heat ageing	≥ 1 N/mm ²	UNE EN-1348 8.4
Tensile adhesion strength after freeze thaw cycles	≥ 1 N/mm ²	UNE EN-1348 8.5
Open time (adherence 30 mins)	≥ 0,5 N/mm ²	UNE EN-1346
Open time (adherence 20 mins)	≥ 0,5 N/mm ²	UNE EN-1346
Determination of slip	≤ 0,5 N/mm	UNE EN-1308
Determination of transverse deformation for cementitious adhesives	≥2,5 < 5mm	UNE-EN 12002:2009

These values are the results obtained in laboratory tests

- CE According to standard UNE-EN 12004:2008
 Clasification: Type C2TE (UNE-EN 12004:2008)
 S1 (UNE-EN 12002 : 2009)

NOTCHED TROWELS TABLE

Format	Notched trowel	BONDING
< 100 cm ²	U4 (4 x 4 x 4)	Single
≤ 450 cm ²	U6 (6 x 6 x 6)	Single
≤ 900 cm ²	U6 (6 x 6 x 6)	Double
	U9 (9 x 9 x 9) / 110	Single
>900 cm ²	U9 (9 x 9 x 9) / 110	Double

NOTE:

All data shown on this page is indicative and consistent with laboratory tests. The company is not liable for misuse of the product by the consumer.