

PANZER FLEX (C2TE)

Cementitious flexible tile adhesive



What is this product

- High performance cement-glye with additives to increase resistance and give a high grade of elasticity and impermeability. Indicated for low absorption coverages:
- Porcelanics, ceramics, marble, big size ceramics and heated floors

Characteristics

- Monocomponent cement-glye (Only needs water)
- Slip resistant
- Thin coat application
- Excellent workability
- Manufactured from synthetic resins plastifiers and thickeners



How to prepare

- 1- Pour the water first and then, the cement-glye.
- 2- Mix in bowls in an approximated proportion of 6 litres each 25 kgs.
- 3- It is very important to not add more water than recommended, because physical and chemical conditions would be then, reduced.
- 4- Hand mix or with a mixer machine (better slow, 500 rpm) until getting a creamy paste.
- 5- Let it repose 5 minutes for the additives to act correctly and then mix again before use.
- 6- Never add more water after the paste settles.

How to use

- Substrate must be clean and dry.
- Extend the product with the straight part of the trowel to ensure a complete contact with the substrate.
- Use the dented trowel (no. 6-8) in 1,5 - 2 m2 squares.
- Check that no surfacial film is formed over the adhesive. In such a case, it's enough to pass the trowel again with some fresh product.
- Place the ceramic leaving 2-3 mm joints.
- We recommend
 - To leave 3 mm expansion joints in the extremes of the walls.
 - For floors, leave 6 mm .perimeter joints

Where to use

- Ceramic tiles fixing, for walls and floors, for interior and exterior. Also for underwater applications.
- Substrates: Concrete, cement, cement-lime mortar, cement floors, heated floors, pools, gypsum board walls.
- Substrates must be solid, clean and dry without cracks or deformations.

Technical Data: Panzer Flex C2TE

Aspect	White / Grey Powder
Presentation	25 kgs bag
Coat thickness in walls	from 6 to 9 mm
Coat thickness in floors	from 6 to 12 mm
Output in walls	from 3 to 3,5 kgs/m2
Output in floors	from 7 to 8 kgs/m2
Mixing water	6-6,5 litres per each 25 kgs
Open time according to UNE EN 1346	30 minutes
Rectification time	15 minutes
Initial bonding according to UNE EN 1348	1,8 N/mm2
Bonding after immersion in water according to UNE EN 1348	1,5 N/mm2
Bonging after freeze/thaw cycles according to UNE 1348	1,7 N/mm2
Bonding after heat exposure heat UNE 1348	1,3 N/mm2
Reaction to fire	A1
Ready for grouting	4-8 hours
Slip in vertical wall UNE EN 1308	< 0,5 mm
Temperature during application	min 5°C, max 32°C
Bulk density	1,65 gr/cm3
Stockage (from manufacturing date, under cover, in a dry place)	12 months



Composition

- Grey/White cement
- Siliceous soils
- Additives and resins

Precautions

Product components are not toxic.
It must be worked with gloves, avoid powder inhalation and contact with eyes and skin.
Keep away from children or animals.

First Aid

Skin: Wash with plenty of water
Eyes: Wash with plenty of water
Ingestion: Rinse with water and drink plenty of water

This technical data is written according to our knowledge and essays and doesn't assume any commitment. It's on customer's responsibility the admission and control in the distributor's warehouse or construction, as well as the election of the product to be used on each case. Manufacturer's responsibility is limited to manufacturing defects and for the value of the merchandise because it's out of his control the material election and the working conditions. Technical data for 2018.



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