

# TILELASTIC

## EXTREMELY STONG ADHESIVE

TECHNICAL DATA SHEET  
ID Product Code 220  
Rev. 01/2020

Two-component special adhesive for ceramic, porcelain and natural stone. Suitable for big size tiles.

The latest generation of two component special adhesive for gluing (ceramic tiles, stoneware, marble, mosaic, etc ) of any size on cement screeds (including heated floors), subfloors and non-absorbing subfloors, wood, metal, gypsum board, gypsum panels, plywood, pvc. TILELASTIC has improved rheology making it easier to spread and improved adhesion. TILELASTIC is outstanding for the fact that it is almost insensitive to changes in temperature (seasonality), completely odour-free both before and after mixing and offers excellent hold and under any environmental condition. The product is 10 times more deformable than a cementitious adhesive of class S2. 5 times stronger than a regular adhesive class C2.

### Instruction for use

#### Surface preparation:

Surfaces must be clean, dry, free of oil and grease, moisture. Remove all loose particles or residues . In case of very porous or very absorbent surfaces, the application of our Primer 3G is suggested.

#### Product preparation:

- Shake well unopened Part A and Part B
- Mixing is by weight
- Mix 1,4 part of component B into 8,6 parts of component A
- Mix carefully with electric Mixer
- Apply TILELASTIC using the appropriate trowel;
- Apply, with the flat side of the trowel, a thin layer by pressing on the bottom, to obtain the maximum adhesion to the substrate. Press down each tile to allow the maximum wetting of the surface. To ensure a structural bond should achieve an adhesive thickness capable of covering the whole of the back coating.
- For large formats, rectangular with side > 60 cm plates and low thickness could need a drafting also directly on the back of the adhesive material.

### Advantages

- High speed drying
- Long open time
- Not sensitive to water
- Easy to apply
- Do not shrink
- Excellent chemicals properties (adhesion, waterproof, flexion etc...)
- Very good adhesion to most construction materials




## Suggestion for use and recommendations

- Do not dilute the product with water or other solvents because the preparation is ready for use.
- The surfaces must be strong and dry.
- Before use carefully read the recommendations printed on the package.
- Make a test before use

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## Chemical characteristics

Consistency	Paste
Colour	White
Pot-life	120 minutes
Open time	110 minutes at +23°C
	80 minutes at +35°C
Thickness of the adhesive	From 2 up to 15 mm
Coverage for mm of thickness	1,45 kg/m <sup>2</sup>
<b>Adhesion test as per EN12004</b>	
Tensile strength	
At 6 hours	≥ 2,4 N/mm <sup>2</sup>
At 28 days	≥ 4,5 N/mm <sup>2</sup>
<b>Test under standard EN1348</b>	
Bonding after heat	≥ 4 N/mm <sup>2</sup>
Bonding after immersion in water	≥ 2,5 N/mm <sup>2</sup>
Bonding after freeze-thaw cycles	≥ 2 N/mm <sup>2</sup>
Transverse strain EN 12002	≥ 50 mm
Temperature	-40°C up to 110°C
Standard packaging comp. A (Kg)	8,6
Standard packaging comp. B (Kg)	1,4
Reaction to fire	Class B-s1,d0
Bond strength as	Initial shear adhesion strength ≥ 2 N/mm <sup>2</sup>
LEED	MR credit up to 2
Release of dangerous substances	See SDS
Certification 	TILELASTIC DOP-BE620-15 Improved reaction resin adhesive for all internal and external tiling
Shelf life	24 months from production date in its original packaging (unopened container) between 5° and 30° C in a cool dry place.



### Application surfaces

Cementitious screeds, ceramic tiles, porcelain tiles, big formats tiles (> 60 cm side), glass mosaic, stoneware, marble, mosaic, wood, metal, gypsum board, gypsum panels, plywood, pvc.

TILEPOX S50 ULTRA can be used for gluing floor and wall coverings on various supports: - concrete, - smoothed rough plaster or screed - wood, - metal, - glass.



### Application tools

Trowel.



### Coverage

Average coverage 1,45 kg/m<sup>2</sup>



### Storage

24 months from production date in its original packaging (unopened container) between 5° and 30° C in a cool dry place.



### Packing

Total content 10 kg

Parte A - 8,6 kg

Parte B - 1,4 kg

## Safety procedures

As far as the proper working procedures is concerned, we recommend to consult Material Safety Data Sheets issued according to E.U. rules and to follow your national laws concerning safety in the working place. MSDS is available on our web site [www.primaxbuild.it](http://www.primaxbuild.it)

## Trademark and Origin of the good

PRIMAX<sup>®</sup> is a registered trademark of Bellinzoni company. The law considers a trademark to be a form of property and any misuse can be persecuted by law. Bellinzoni s.r.l. declares that our product TILELASTIC is MADE IN ITALY.

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