

Cementitious adhesive for ceramic tiles **type C2TES1** European standard **UNE-EN 12004**



## TECHNICAL CHARACTERISTICS

### QUALITATIVE COMPOSITION

**Hydraulic conglomerate:** White cement with a high strength resistance. **Mineral charges:** Limestone sand and siliceous, with controlled partide sizes. **Additives:** Plasticizers, special additives, resins and fibers.

### PHYSICAL ANALYSIS

Pot life	150 minutes	Adhesion strength after heat aging <b>UNE-EN 1348:2008</b>	≥ 1 N / mm <sup>2</sup>
Open time	30 minutes	Adhesion strength after Freeze / Thaw cycles <b>UNE-EN 1348:2008</b>	≥ 1 N / mm <sup>2</sup>
Density of the mass	1.40 g/cm <sup>3</sup>	Performance	4,5 Kg/m <sup>2</sup>
Initial adhesion strength <b>UNE-EN 1348:2008</b>	≥ 1 N / mm <sup>2</sup>	Mix water	30% approx. (7.5 L. / 25kg bag)
Adhesion strength after immersion in water <b>UNE-EN 1348:2008</b>	≥ 1 N / mm <sup>2</sup>	Determination of slip <b>UNE-EN 12004-2:2017</b>	≤ 0,5 mm
Transverse deformation <b>UNE-EN 12004-2:2017</b>	≥ 2,5 mm	Extended open time <b>UNE-EN 12004-2:2017</b>	≥ 0,5 N / mm <sup>2</sup>

Results obtained under conditions of 22°C temperature and 50% relative humidity. This results may vary depending on the weather conditions.

### HOW TO USE

- Check that the support is consistent, dry and clean.
- Mix the product with clean water until you get an homogeneous dough without lumps. It's recommended to make the mixture using a mechanical whisk at low revolutions.
- Let the mixture stand for 5 – 10 minutes, after this time, beat again and proceed to it's application.
- Spread the product on the support using notched trowel, don't extend the product on surfaces which are larger tan 1 o 2 M<sup>2</sup>, to prevent surface film formation, it's speed of formation will depend on the enviromental conditions and the absorption of the support.
- Apply double gluing in large formats both indoor and outdoor.
- For exterior facades at heights of more than 3 meters and also when the format is larger than 40x40 cm it is required of a mechanical safety anchor according to the new CTE.
- Commissioning: 24 hour, to proceed to the grouting allow 24 to pass on walls and 48 hours on floors.
- Do not add sand or other additional products that can modify the initial characteristics of the product.
- Don't apply this product on plastic, Wood or metal.
- It is recommended not to use this product below 5°C and above 30°C.

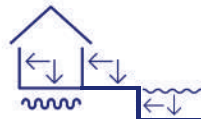
### INDICATIONS OF USE

Laying of tiles and stoneware Types I, IIA, IIB and III with medium-low absorption (less than 3%) on floors and walls on cementitious base valid for indoor and outdoor. Especially recommended for placement of porcelain stoneware on facades (walls), gresite or vitreous mosaic in swimming pools, terrazzo, natural or artificial stone, marble, granite and on supports of plasterboard plates (Pladur Type or similar), tile over tile, large formats and on floors with radiant heating.

### PACKAGING, PRESERVATION AND STORAGE

The product is available in bags of 25 kg. The pallets are composed of 56 bags. The bags are made of paper with a plastic sheet inside for a shelf life of the product of 12 months from the date of production in its original packaging. The storage of the product must be in a ventilated place, protected from the environment and soil moisture.

#### USES



#### SECURITY



### IMPORTANT

The indications for the use, as well as the results of the tests expressed in this document, have been written according to our own knowledge and the result of rigorous controls carried out in our laboratory. The final consumer must be sure, that the product chosen is suitable for the application to be made. The responsibility of our company will be limited to the value of the merchandise used, since the final use of our product by qualified personnel is beyond our control.

MANUFACTURED BY **CEMI-COLA, PORT S.L.**

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