

# CERAMIK CE-02

## TILE ADHESIVE, FLEXIBLE, WHITE

CE-02\_KK\_UK\_0905



SUITABLE FOR CEMENT AND CONCRETE BASE

SUITABLE FOR CERAMIC AND NATURAL STONE TILES

FROST AND WEATER RESISTANT

FOR INTERNAL AND EXTERNAL APPLICATIONS

C2

### DESCRIPTION:

CE-02 is mixture of special cements, selectively graded mineral aggregates and organic additives.

Outdoor and Indoor Walls, Floors, Balconies and Under-floor heating systems. Adhesive Mix for laying ceramic and natural stone products, vitrified tiles with increased elasticity and adhesion. CE-02 is also used for laying ceramic and natural stone products, elevation slabs made of natural stone, and surfaces made of ceramic materials, concrete prefabricated products, aerated concrete, traditional plasterwork, cardboard-plaster boards. It can be used in residential building and for bricklaying and levelling. It is perfect for balconies and terraces.

### SURFACE PREPARATION:

The area where the adhesive is to be used should be dry, clean, grease-free and free of any other alien materials. Very porous surfaces should be treated with GRUNT EG-016. If the ground is uneven or uncertain a trial adhesion should be attempted first.

### MIXING PROPORTIONS:

Pour the dry mixture into 4,0 - 4,8 l of water in a clean mixing vessel and mix it thoroughly (manually or mechanically) until a lump-free (consistency) mixture is obtained. Allow a standing time of 5 minutes and stir mixture once again. The mixture is now ready for use and should be used within 60 minutes.

### APPLICATION:

Is applied to the substrate with a notched trowel to a maximum of 5 mm thick. The adhesive to at least 70% of the back of the tiles for interior walls and 100% coverage for floors and exteriors. Tile joints can be grouted 4 hours after application.

You should remember to not wet the tiles before the plastering!  
The temperature of working should be between +5°C do +25°C.

### CONSUMPTIONS:

On average 1,3 - 1,5 kg of the mortar is used for 1 m<sup>2</sup> for each 1 mm of the layer.

### PLEASE NOTE:

The guidelines describe the range of product's use and advisable method of using. Moreover, it cannot replace a professional preparation for the work. The producer guarantees the product quality, but it has no influence on the conditions and method of its use.

### WARNING:

The mortar contains cement. It gives alkaline reaction with water. Protect eyes and skin. If product gets into the eyes, wash them with water and seek medical advice promptly.

### STORAGE AND TRANSPORT:

Store and transport in unopened packaging on pallets in cool dry conditions and protected from excessive draught.

### SHELF LIFE:

12 months from the production date show on packaging.

### PACKAGING:

Paper sacks with a polyethylene liner, net weight 20 kg, pallet 56 sacks, 1 120 kg.

### TECHNICAL DATA:

Ingredients	Portland cement, mineral aggregates, organic additives
Mix proportions	0,20 ÷ 0,24 l of water for 1 kg 4,0 ÷ 4,8 l water for 25 kg
Maturing time	about 5 minutes
Time of work	about 3-4 hours
Open time of work	min. 20 minutes
Time of adjusting a tile	15-20 minutes
Usage temperature	from +5° C to +25° C
Paving usage	after 24 hours
Pointing	after 24 hours
Min. thickness	2 mm
Max. thickness	5 mm
Classifications EN 12004:2007	Type C Class 2 Improved cementitious adhesive
Adhesion strength	Initial ≥ 1,0 N/mm <sup>2</sup>
	After heat ageing ≥ 1,0 N/mm <sup>2</sup>
	After water immersion ≥ 1,0 N/mm <sup>2</sup>
	After freeze-thaw cycles ≥ 1,0 N/mm <sup>2</sup>
Open time	Adhesion strength after not less than 20 min. ≥ 0,5 N/mm <sup>2</sup>
Trowel notches	Consumptions
4 mm	4,5 kg/m <sup>3</sup>
6 mm	6,0 kg/m <sup>3</sup>
8 mm	7,5 kg/m <sup>3</sup>