

# CK6

Ready-for-use elastic adhesive in paste  
for the indoor installation of ceramic tiles.



### Fields of application:

- to apply on non-deformable absorbing substrates floor and wall tiles in porcelain stoneware, single and double fired material, glass mosaic, ceramic mosaic, stable natural stones indoors on chipboard, cured concrete, cured cement-based screeds, on screeds made with Basecem or Basecem Pronto, on self-levelling products such as Planirapid Autolivellante or Planirapid Autolivellante Maxi, on smoothing plasters such as Rasoplan Tixo, on radiating floors. For wall tiling on traditional renders, pre-mixed renders, on anhydrite screeds, plasterboard and gypsum without any need for a passivating primer;

- to spot-bond insulating materials such as foam polyurethane and polystyrene, rock or glass wool on walls or ceilings;
- one of the surfaces, tile or substrate, MUST be absorbing, dimensionally solid and indoors;
- professional use only.

### Characteristics:

**CK6** is a one-component ready-for-use deformable adhesive with standard setting classified D1TE according to the norm EN 12004. The formula of **CK6**, made up of selected aggregates, acrylic binders in dispersion and thixotropizing polymers, gives the adhesive an open time of 40 minutes, making it ready for walk over after 24 hours and ready for use in 14 days, guaranteeing easy and safe installation of floor and wall tiling. Indicated for indoor and outdoor civil, commercial and industrial applications.

### Quality and Environmental Standards:

**CK6** undergoes constant, careful testing at our laboratories, in compliance with the legislation in force UNI EN ISO 9001/2015.

### Application:

**CK6** must be mixed briefly with a low speed stirrer, till re-absorbing the possible water on the surface to get a smooth mixture free of lumps. Check that the substrate complies with norm EN 11493 point 7.3 as for the requirements of curing, integrity, surface sturdiness, dimensional regularity, residual humidity and rising damp. In substrates with minor crumbling pre-treat with **Primer GS**. Follow the norm EN 11493 point 7.9/7.11 for applications in sizes with side  $\geq 60$  cm. Apply a layer of adhesive on the tile back side (backbuttering) in case of strong stresses or when required by the ceramic manufacturer. Create expansion joints every 25 m<sup>2</sup> indoors and every 4 m in sidewalks and skirting boards. We recommend you proceed with the glue spreading by working in small enough areas to be able to lay the tiles before the end of the open time. If you are unable to do so, re-spread the adhesive on which the surface film has already formed. Check, form time to time, that the contact between the adhesive and the tile is even and covers the entire back of the tile. The materials applied with **CK6** must be protected from being washed off during the first 10 days.

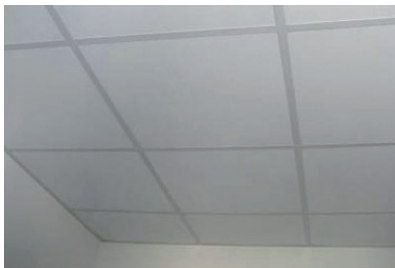
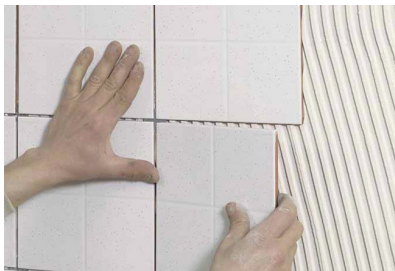
<b>CE</b>	
Opera Srl Via degli Scavi 19/21 47122 Forlì - Italy	
<b>DOP-IT-01-032</b> <b>CK 6</b> <b>EN 12004:2007+A1:2012</b> Standard dispersion adhesive for ceramic tiles	
Fire reaction	Class E
Adhesion strength:	
- Initial cutting adhesion	$\geq 1,0$ N/mm <sup>2</sup>
Durability:	
- Cutting adhesion after thermal ageing	$\geq 1,0$ N/mm <sup>2</sup>
Release of harmful substances:	See Safety data sheet

Characteristics	Application methods	Consumption
One-component Ready-for-use Open time: 40 minutes Adjustment time: 60 minutes Waiting time for wall joint grouting: 24 hours Waiting time for floor joint grouting: 24 hours Walk over time: 24 hours Ready for use: 14 days	Smooth or toothed trowel	1.5-2.5 kg/m <sup>2</sup>  <b>Storage</b>  Shelf life of 24 months in the original packages at temperatures above +5°C. Do not expose to direct sunlight

Code	Product	Form and color	Packages	Pallet
150305	CK6	White paste	5 kg bucket	320 kg
150115	CK6	White paste	15 kg bucket	720 kg
150025	CK6	White paste	25 kg bucket	675 kg

**Warning:**

- do not use for laying tiles outdoors;
- do not use for laying in areas which will be totally immersed in water;
- do not use for laying non-absorbent materials on non-absorbent bases;
- do not use on bases subject to rising damp;
- do not use for laying natural or artificial stone tiles which are damp-sensitive;
- do not use in temperatures below +5°C.



**Technical and application specifications**

Hazard classification as per Directive 99/45/CE:	<b>none</b>
Specific weight:	<b>1.60 g/cm<sup>3</sup></b>
Mixture pH:	<b>8</b>
Application temperature:	<b>from +5°C to +35°C</b>
Open time (according EN 1346):	<b>approx. 40 minutes</b>
Adjustment time:	<b>approx. 60 minutes</b>
Curing time before grouting on walls:	<b>approx. 24 hours</b>
Curing time before grouting on floors:	<b>approx. 24 hours</b>
Walk-over time:	<b>approx. 24 hours</b>
Ready for use:	<b>approx. 14 days</b>

**FINAL PERFORMANCES SPECIFICATIONS EN 1324 (N/mm<sup>2</sup>)**

Adhesion after ageing through heat:	<b>4.00 N/mm<sup>2</sup></b>
Initial adhesion	<b>1.90 N/mm<sup>2</sup></b>
Adhesion to 30 min(EN 1346):	<b>1.2 N/mm<sup>2</sup></b>
Acid resistance:	<b>poor</b>
Resistance to solvents, oil, alkalis and ageing:	<b>slight</b>
Harmonised customs code:	<b>35069 100</b>

Measurement of data at 23°C/50% Residual Humidity and no ventilation. The data may be considerably modified by the conditions of use.