

KEDY STD

Vers. 01 del 07/2009

Mixed-binder, vertical-creep resistant, one-component cementitious adhesive with extended open time, available in grey or white, for professional use. Ideal for fixing porcelain tiles, ceramic tiles, natural stones and mosaics. Suitable for tile-on-tile applications. Classified as C2TE adhesive (according to EN 12004).



FIELDS OF USE

- Fixing of absorbent and non-absorbent tiles, stone materials as long as moisture stable and tall types of mosaics to indoor and outdoor floors and walls.
- Fixing of small-sized tiles on top of existing floors, indoors.
- Fixing of insulating panels made of polystyrene, expanded polyurethane, rock wool or glass and cork.
- Suitable for use on all types of cementitious substrates, gauged mortars and existing ceramic floors.
- Applications on gypsum, plasterboard, scagliola or anhydrite screed, provided the surface is primed with **APPREX G** at least 6 h before tiling.

NATURE OF THE PRODUCT

KEDY STD consists mainly of a blend of cements, mineral fillers and specific additives.

MIXING

Mix the powder with clean water until a homogeneous and lump-free mix is obtained. Allow to hydrate for 5 minutes and then stir again briefly. The product has the appearance of a creamy, thixotropic paste and is easily applied with a trowel.

APPLICATION PROCEDURE

Apply a thin coat of **KEDY STD** onto the substrate with the straight edge of the trowel so as to ensure proper wetting of the substrate itself. Immediately afterwards, with a notched trowel apply the appropriate amount of adhesive to attain a high degree of wetting on the back of the tiles (75% at least for residential indoor applications, 100% for outdoor applications or high-traffic areas).



TECHNICAL DATA

PRODUCT IDENTIFICATION

Appearance	Powder
Colour	Grey or White
Bulk density	1.30 Kg/dm ³
Solid residue	100%
Storage (in a dry place in its original packaging)	12 months
Customs Tariff Heading	3824 50 90

APPLICATION

	VALUE*	REQUIREMENT°	STANDARD
Mixing ratio	Grey and White: 7.00 litres of water per 25 Kg powder (28±1%)		
Curing time	5 min.		
Pot life	6 hrs		
Open time	30 min.	20 min.	EN 1346
Adjustability time	50 min.		
Application temperature range	+5°C to +35°C		
Walk-on time – Time before grouting floors	24 to 36 hrs		
Time before grouting walls	4 to 6 hrs		
Ready for use	14 days		

PERFORMANCE

	VALUE*	REQUIREMENT°	STANDARD
Vertical creep	0 mm	≤ 0.5 mm	EN 1308
Initial tensile adhesion strength	1.6 N/mm ²	≥ 1.0 N/mm ²	EN 1348
Tensile adhesion strength after heat	1.5 N/mm ²	≥ 1.0 N/mm ²	EN 1348
Tensile adhesion strength after water immersion	1.1 N/mm ²	≥ 1.0 N/mm ²	EN 1348
Adhesion strength after freeze/thaw cycles	1.3 N/mm ²	≥ 1.0 N/mm ²	EN 1348
Compressive strength	12 N/mm ²		EN 196
Service temperature range (overlaid with covering)	-30°C to +90°C		

* Results obtained at +23°C Temperature; 50% Relative Humidity; Ventilation ≤ 2 m/sec.

° Requirement according to EN 12004.



KEDY STD

TECHNICAL TIPS

- **KEDY STD** is suitable for all the applications described herein and does not require use of additional binders (such as cement, lime, gypsum and the like) or additives.
- Use the product only while at a creamy consistency. Once it begins to set, it becomes difficult to spread and you will need to prepare a fresh mix.
- Protect the coverings from rain or washing out for at least 24 hours and from direct sunlight and frost for at least one week.

COVERAGE

TROWEL	KEDY STD
6x6 mm	3.0 Kg/m ²
8x8 mm	4.0 Kg/m ²
10x10 mm	5.0 Kg/m ²

SPECIFICATION

Fixing of ceramic or stone tiles to floors and walls by means of a mixed-binder, vertical-creep resistant, one-component cementitious adhesive with extended open time, which meets the requirements for Class C2TE according to EN 12004, such as KEDIL's **KEDY STD**.

WARNINGS AND RECOMMENDATIONS



- Do not use on plasterboard, metal or non-absorbent substrates.
- Do not apply in ways or conditions other than those explicitly stated in this technical data sheet.

KEDIL recommends that you read the **Introductory Notes** that complete the information provided in this data sheet.

All technical information, data and suggestions for use contained in our technical data sheets, or given verbally or in writing, are based on our best experience.

However, since the jobsite conditions and final use of this product are beyond our control, all information is provided as a guide only and it shall not be binding, legally or in any other way, towards third parties. Therefore, it is recommended that the customer/user conduct their own tests to determine the behaviour of each product under the weather and application conditions at the jobsite.

Before using our products, to make sure that this technical data sheet is up-to-date and that it has not been superseded by a more recent edition, please download the latest version from our web site **www.kedil.eu**.