



ADHESION

Ready to use, paste adhesive, non-slip and long opening time, suitable for laying floors and coverings indoors and all sorts of ceramic tiles outdoors. Optimum flexibility. High resistance to water.

APPLICATION FIELDS

- Laying indoors and outdoors, on walls and floors, of stone material also sensitive to humidity, cement or resin-based recomposed material, all sorts of mosaics and ceramic tiles, in large formats.
- Indicated for applications on wood, metal, PVC, cement and gypsum-based supports without applying bonding primer, waterproofing with KEDILASTIC and ISOLFLEX.
- on heating screeds, overlapping and in places subject to high stress.
- Laying of insulating panels in polystyrene, expanded polyurethane, rockwool or glass and cork.

NATURE OF PRODUCT

ADHESION It is mainly composed of epoxy-polyurethane polymers, mineral fillers and specific additives.

MIX PREPARATION

Pour all the liquid (mix. B) in the paste (mix. A) and mix, with a drill equipped with a whisk, until an even, lump-free mix is obtained. The product, presented as a pasty and thixotropic mix, is easily used with a spatula.

LAYING OPERATIONS

Apply a skimmed coat of **ADHESION** to the support with the smooth side of the spatula to guarantee its good wetting. Immediately afterwards, use the toothed spatula to apply the necessary quantity of adhesive to obtain high level wetting on the back of the tiles (minimum 75%)

IDENTIFICATION DATA

Product data	MIX A	MIX B
Appearance	Paste	Liquid
Colour	White	Pale yellow
Apparent density	1.5 Kg/dm ³	0.8 Kg/dm ³
Solid residue	100%	
Conservation (in a dry place and in the packaging provided by us)	12 months	12 months
Customs heading	3909 50 90	

APPLICATION DATA

Product data	Value
mixing ratio	94% paste and 6% liquid
Useful application time	60-90 min
Open time	50 min.
Adjustability time	70 min
Walk on time - sealing to floor	12 h
Covering sealing time	2 h
Application temperatures	From +5c° to +30 c°
Commissioning time	7 days

PERFORMANCE

Product data	value	standard
Slipping on vertical wall	0 mm	EN 1308
Initial tensile adhesion	3.2 N/mm ²	EN 12003
Tensile adhesion after immersion in water	2.5 N/mm ²	EN 12003
Tensile adhesion after thermal shock	2.3 N/mm ²	EN 12003
Flexibility	elevated	
Working temperatures	-30 c° +90 c°	

RESULTS OBTAINED IN STANDARD TEMPERATURE CONDITIONS OF 23 C° ±2 .RELATIVE HUMIDITY AT 50 % ±5. VENTILATION LESS THAN 2 M/SEC

TECHNICAL ADVICE

- **ADHESION** is suitable for all the applications described, without requiring other additional binders (cement, lime, gypsum, etc.) or additives.
- Only use the product when it has a plastic consistency.
- Protect the covering from rain or run-off for at least 24 hours, or from burning sun or frost for at least one week.
- Only use on supports not subject to permanent humidity or rising damp.
- Mixing with a drill regulated with a low number of rotations provides the correct reaction speed among the components, giving workability and setting times within the expected values.
- Clean the surfaces with plenty of water or alcohol when the product is fresh. When the product has set, the excess product must be removed using mechanical devices.

USE

Spatula	Adhesion
3x3 mm	3.0 Kg/m ²
6x6 mm	4.0 Kg/m ²

SPECIFICATIONS

Laying of floors and coverings with white, two-component, polyurethane adhesive, with no vertical slipping, in compliance with class R2T according to standards EN 12004, ADHESION by KEDIL

WARNINGS AND RECOMMENDATIONS

Do not apply directly to metal or vinyl/resilient flooring.

Do not apply in different conditions and/or using different methods to those explicitly declared in this technical data sheet.

KEDIL

advises you to read the **Introductory notes** completing the contents of this data sheet.

All technical-applicative advice in the technical data sheets is outlined verbally or in writing, the result of our best experience.

However, since we cannot oversee the direct intervention and execution of works on the building site, this information is considered non-binding and, therefore, not legally or in another way binding in respect of third parties. We therefore suggest the client applying the product conducts appropriate tests on our products, to assess their reaction in the meteorological and application conditions to which they are subjected.

To ensure this technical data sheet has not been updated or replaced with more recent editions, before using our products, you are advised to download the latest version from our website, www.kedil.eu.