

KEDY MONO S2

Single-component cement adhesive, with a high polymer content, fibre-reinforced, thixotropic, with no vertical slipping and with prolonged opening time, grey or white in colour, for professional use. Suitable for laying, including thick-bed method, of natural stone, mosaics of all kinds, ceramic and porcelain stoneware, as overlay, in swimming pools, on heating screeds and subject to heavy traffic, on façades, on flexible bases due to its high elasticity, laying of thin porcelain stoneware also for sizes 150x300cm.

Adhesive class C2 TE S2

APPLICATION FIELDS

- Indoor laying of reconstituted marble, resin or cement-based, medium sensitivity to water and heat.
- Indoor and outdoor laying, walls and floors, absorbent and non-absorbent tiles, non-stain stone material, glass mosaic.
- High-performance installation: floor heating, laying on façades (after double-spreading), in swimming pools, as overlay. Ideal for laying in places subject to heavy traffic and high stresses.
- Laying on undercoats which are not perfectly level, up to 15 mm thick.
- Overlapped laying on existing, old floors, in swimming pools, on heating screeds and places subject to heavy traffic.
- Laying of insulating panels in polystyrene, expanded polyurethane, rockwool or glass and cork. Suitable for applications on all types of cement substrate, cement-lime mortar, old ceramic floors and waterproofing with the **KEDILASTIC** and **ISOLFLEX** line.
- Applications on gypsum, plasterboard, "Scagliola" plaster or anhydrite screeds after treating the surfaces with **APPREX G** at least 6 hours before laying.

NATURE OF PRODUCT

KEDY MONO S2 is mainly composed of mixes of cement, polymers, mineral fillers and specific additives.

MIX PREPARATION

Mix the powder with clean water until an even and lump-free mix is obtained. Leave to hydrate for 5 minutes, then mix again for a short time. The product is presented as a creamy and thixotropic mix and is easily applied with a spatula.

LAYING OPERATIONS

Apply a levelling coat of **Kedy Mono S2** to the support with the smooth side of the spatula to guarantee its good wetting. Immediately afterwards, use a toothed spatula to apply the necessary quantity to obtain a high level of wetting on the reverse side of the tiles (minimum 75% for indoor residential use, 100% for outdoors or flooring subject to heavy traffic). For particularly time-consuming or large format applications (over 900 cm²), also apply the adhesive to the back of the tile.

IDENTIFICATION DATA

Product data	Kedy Mono S2
Appearance	Powder
Colour	White Grey
Apparent density	1.3 Kg/dm ³
Solid residue	100%
Conservation (in a dry place and in the packaging provided by us)	12 months
Customs heading	3824 50 90

APPLICATION DATA

Product data	Value
Mixing ratio	For every 25 kg bag of powder use 8 L of water (32%)
Maturation time	5 min
Useful application time	60 min
Open time	30 min.
Adjustability time	45 min
Walk on time - sealing to floor	24-48 h
Covering sealing time	6-8 h
Application temperatures	From +5c° to +30 c°
Commissioning time	48 days (72 hours for baths and swimming pools)

PERFORMANCE

Product data	Value	Standard
Slipping on vertical wall	0 mm	EN 1308
Initial tensile adhesion	1.9 N/mm ²	EN 1348
Tensile adhesion after heat action	2.2 N/mm ²	EN 1348
Tensile adhesion after immersion in water	1.0 N/mm ²	EN 1348
Adhesion after freezing/defrosting cycles	1.3 N/mm ²	EN 1348
Compression strength	15 N/mm ²	EN 196
Transversal deformation	5.0 mm	EN 12002
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

- **KEDY MONO S2** 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. Once bonded, it is difficult to lay and a new mixture is required.
- Protect the covering from rain or run-off for at least 4 hours, or from strong sun and for 12 hours from frost

USE

Spatula	Kedy Mono S2
6x6 mm	3.5 Kg/m ²
8x8 mm	4.5 Kg/m ²
10x10 mm	5.5 Kg/m ²
Ø 15 mm	7.5 Kg/m ²

SPECIFICATIONS

Laying, also with thick-bed method, of natural stone, mosaics of all kinds, ceramic and porcelain stoneware, as overlay, in swimming pools, on heating screeds and subject to heavy traffic, on façades, on flexible bases due to its high elasticity, laying of thin porcelain stoneware also for sizes 150x300cm.

Adhesive class C2 TE S2 such as **S2 Kedy Mono** by **KEDIL**.

WARNINGS AND RECOMMENDATIONS

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

Do not apply in conditions and/or modes other than 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 and/or replaced with more recent editions, before using our products, you are advised to download the latest version from our website, www.kedil.eu.