

MAPESTIK

High grab, ready-to-use, non-slip paste adhesive for ceramic tiles. For use on interior walls. Ideal for tiling on to plaster and plaster board background.



CLASSIFICATION IN COMPLIANCE WITH BS EN 12004 & UKCA

MapeStik is a dispersion (D) adhesive with normal (T) and reduced slip (T) characteristics. Conformity of MapeStik is declared in TT certificate no. 056502-28015 issued by Ceram UK and classification reports no. 2008-B-2748/19 and 2008-B-2748/23 issued by MPA Dresden.

WHERE TO USE

Bonding of all types of porous bodied ceramic tiles and mosaics up to 300 mm x 300 mm in size on to interior walls.

Some application examples

Installation of ceramic and mosaic tiles over:

- gypsum plaster;
- gypsum plasterboard;
- cement-based renders and cured reinforced concrete walls;
- tile backer boards.

TECHNICAL CHARACTERISTICS

MapeStik is an adhesive in water dispersion based on synthetic resins, selectively graded minerals and various additives. MapeStik is a ready-to-use creamy paste that is easily trowelled with good high initial grab and thixotropic properties for installing wall tiles without slippage.

When set, MapeStik has high bond strength and is sufficiently deformable for moderate vibration and deformation of building materials.

RECOMMENDATIONS

- Use only for internal applications.
- Dispersion adhesives are not suitable for applications in continuous immersion in water (swimming pools, fountains, etc.).
- Contact MAPEI Technical Department for recommendations for fixing to other substrate materials.
- Do not use MapeStik to install porcelain tiles or natural stone, especially light coloured calcareous stone (e.g. Carrara marble).
- Do not use MapeStik on metal substrates.

APPLICATION PROCEDURE

Preparation of the substrate

Preparing the substrate MapeStik can be applied on approved porous substrates which are sound, stable and free of oil, grease, wax, cracks and loose materials.

Applying the adhesive

MapeStik should be applied to the substrate with a notched trowel. The notch size must allow the adhesive to transfer to at least 65% of the rear of the tile in dry service areas and 100% in wet service areas, such as bathrooms:

The open time of **MapeStik** is approx. 20 minutes in normal temperatures and humidity. The tiles must be set within that open time and the adhesive must be spread accordingly, no more than 1 to 2 m² at a time.

If a surface skin forms, the adhesive must be reapplied.

Do not use at temperatures below +5°C.

Installing the tiles

Press firmly using a twisting/sliding motion when positioning the tiles to ensure transfer of the adhesive. Maximum bed depth of compressed adhesive should not exceed 3mm. Any adjustment of the tiles must be done within 30 minutes.

GROUTING AND MOVEMENT JOINTS

At normal temperatures the joints can be grouted 12 hours after setting the tiles.

Joints between tiles can be filled using a suitable MAPEI grout such as **Keracolor FF** or **Ultracolor Plus**. If good resistance to chemical agents is required, use **Kerapoxy**, a two-component chemical-resistant epoxy grout.

For sealing flexible expansion joints, use **Mapesil AC** one-component silicone sealant.

In all of the above cases the width of the joints must be planned according to the type of grout and deformability of the substrate.

READY FOR USE

Areas can be put back to full service after 7 days, depending on the porosity of the substrate and temperature.

CLEANING

Mapestik can be cleaned from tile surfaces with a damp sponge while the adhesive is still wet. Tools and hands can be easily cleaned with water while the adhesive is still wet. When the adhesive has hardened it can be removed with mineral spirits or proprietary hand cleaner.

CONSUMPTION

Bonding of ceramic tiles and Mosaic tiles: 1.5 kg/m² (3 mm notch mosaic trowel)

Standard size tiles up to 300 x 300 mm: 2.5 kg/m² (5 mm notched trowel)

PACKAGING

MapeStik is available in 15 kg buckets.

STORAGE

12 months in original sealed packaging.

SAFETY INSTRUCTIONS FOR THE PREPARATION AND APPLICATION

Instructions for the safe use of our products can be found on the latest version of the Safety Data Sheet, available from our website www.mapei.co.uk.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA

TECHNICAL DATA (typical values)	
In compliance with:	
	- UKCA
	- European EN 12004 as DIT
PRODUCT IDENTITY	
Consistency:	Thick paste
Colour:	Light Beige
Density (g/cm ³):	1.65
pH:	8.9

Dry solid content (%):	71 ± 1
Brookfield viscosity (mPa.s):	1000 ± 50
COMPOSITION AND PROPERTIES OF THE MIXTURE (at +23°C and 50% R.H.)	
Application temperature range:	from +5°C to +35°C
Open time:	approx. 20 minutes
Adjustability time:	approx. 30 minutes
Grouting:	after 12 hours
Fully cured:	approx. 7 days depending on the absorption of the substrate and temperature
FINAL PERFORMANCES	
Shear adhesion strength according to EN 1324 (N/mm ²): – initial shear adhesion strength: – shear adhesion strength after ageing:	> 1.0 > 1.0 exceeds minimum requirements of BS EN 12004 Type D1T
Resistance to moisture:	good
Resistance to ageing:	excellent
Resistance to solvents and oils:	fair
Resistance to acids and alkalis:	fair
Flexibility:	limited

N.B.

Whilst we try to ensure that any advice, recommendations or information given in our literature is accurate and correct, we have no control over the circumstances in which our product is used. It is therefore important that the end users satisfy themselves that the product and conditions are suitable for the envisaged application.

No warranty can be given or responsibility accepted other than, that the product supplied by us will meet our written specification. End users should ensure that our latest product data and safety information sheets have been consulted prior to use.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.co.uk

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.

The most up-to-date TDS can be downloaded from our website www.mapei.co.uk.

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.

130-09-2022 (UK)

Any reproduction of texts, photos and illustrations published here is prohibited and subject to prosecution

