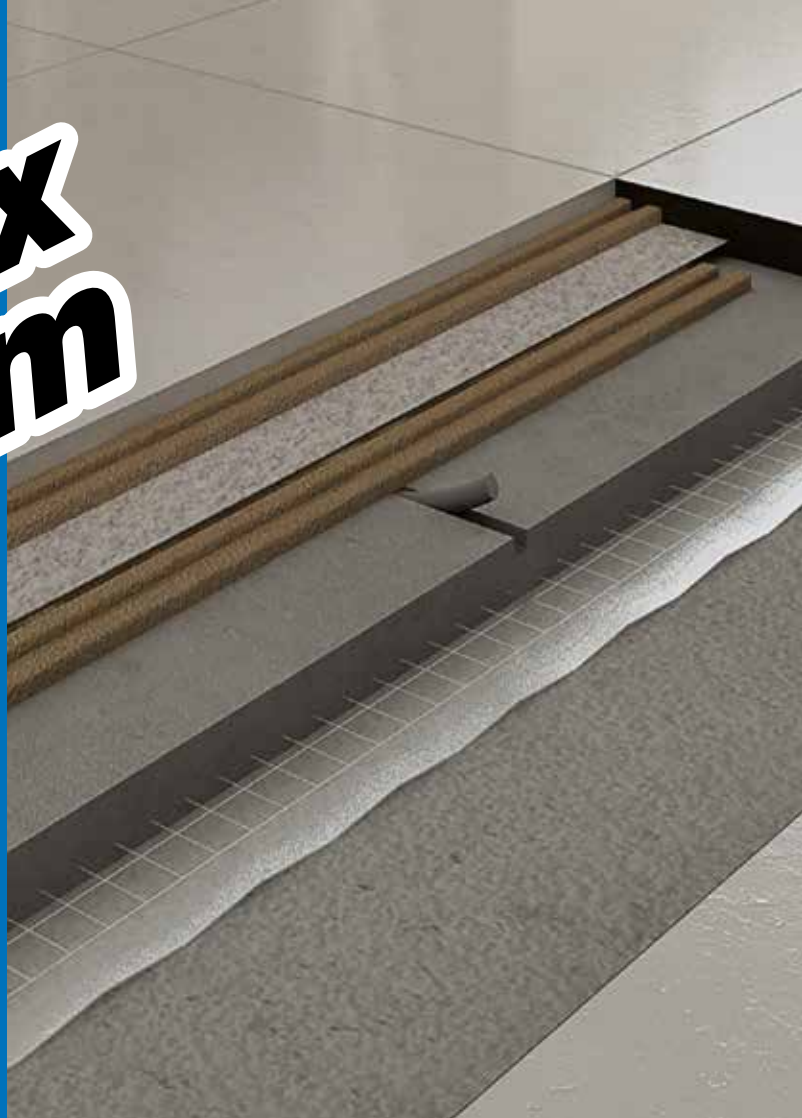


Mapetex System

Removable anti-fracture system for laying ceramic and stone flooring, used also as a floor-laying system



WHERE TO USE

Mapetex is a synthetic, non-woven fabric that may be used as an anti-fracture system or, when used in combination with **Mapetex-Strip** (adhesive hi-tack tape), as a removable floor-laying system.

Some application examples

- **Anti-fracture or isolating layer:**
 - laying floors on cementitious substrates that are either cracked or that have not been cured correctly and are unable to prevent cracks in the substrate damaging the finished floor;
 - laying tiles on screeds without having to copy the layout of the existing distribution joints, particularly when in difficult laying situations such as in diagonal or on cracked screeds.
- **As a removable system** for laying internal ceramic and stone floors that also protects the substrate (such as chipboard, parquet, PVC, linoleum, ceramic, stone and cementitious and heated screeds) so that tiling can be removed and replaced quickly.

TECHNICAL CHARACTERISTICS

Mapetex is made by means of a special manufacturing technique which, thanks to the special properties and characteristics of the fibres that form the fabric, produces a strong, highly elastic layer of non-woven fabric that protects the flooring by

preventing cracks in the substrate being transmitted into the new tiling.

RECOMMENDATIONS

When used as a removable system:

- **Mapetex** must always be laid with the printed side facing the substrate;
- absorbent substrates must be treated with **Primer G** or **Eco Prim T** diluted 1:1 with water before applying **Mapetex-Strip**. Particularly rough substrates must be smoothed over before applying any primer.

When used as an anti-fracture or isolating layer:

- when used as an isolating layer, tiles may be laid if the screed or concrete surfaces are not dry enough or completely cured;
- if **Mapetex** overlaps a distribution joint make sure this is not also in the same position as a structural joint and that there is no shear movement between the two screeds.

HOW TO USE

Application as an anti-fracture and isolating layer

Bond **Mapetex** directly to the cementitious substrate with a MAPEI highly deformable adhesive (class S2) such as **Keraquick S1 + Latex Plus**, **Elastorapid**, **Ultralite S2** or **Ultralite S2 Quick** applied with a 5 mm notched spreader.





Floors installed with Mapetex System

MAPETEX: TECHNICAL DATA (typical values)

Material:	non-woven synthetic fabric
Colour:	white
Density (g/cm²):	200
Width:	100 and 200 cm

MAPETEX-STRIP: TECHNICAL DATA (typical values)

Material:	self-adhesive tape
Colour:	white
Density (g/cm²):	200
Width:	50 mm
Resistance to temperature:	-30°C to +75°C

Lay **Mapetex** over the wet adhesive and press it down evenly.

Once the adhesive has set, ceramic and stone tiles may be laid using the same adhesive.

While laying the fabric, the pattern of distribution joints in the substrate does not necessarily need to be copied; the position of structural joints, however, must be copied.

Application as a removable system

Substrates must be dry, perfectly clean, flat, strong and compact.

Existing flooring must be well bonded to the substrate, otherwise it must be removed.

Mapetex fabric is available in 1 m and 2 m wide rolls. For large areas of flooring we recommend using the 2 m wide rolls.

Bond pieces of **Mapetex Strip** at least 10 cm long to the clean substrate as follows:

- 3 pieces per edge for every metre of 1 metre wide **Mapetex** fabric.
- 3 pieces per edge and three pieces along the centre line of each length of fabric for every metre of 2 metres wide **Mapetex** fabric.

Once the surface has been prepared as specified, lay the **Mapetex** fabric (with the printed side facing the substrate) and fasten in place by pressing it down onto the pieces of adhesive tape (**Mapetex-Strip**).

Position the **Mapetex-Strip** so that joints between adjacent lengths of **Mapetex** run along the centre of the hi-tack strips.

To prevent adhesive seeping into the joints, seal all the joints between adjacent the lengths of **Mapetex** with adhesive tape.

When laying flooring, which adhesive to use will depend on the type of flooring chosen.

Floors may be laid on **Mapetex** without copying the position of the distribution joints in the substrate. The position of structural joints, however, must be copied.

GROUTING AND SEALING

Grout flooring with **Ultracolor Plus** or **Keracolor** mixed with **Fugolastic**.

Seal elastic joints with **Mapesil AC** and stone flooring with **Mapesil LM**.

REMOVING SURFACES LAID ON MAPETEX

Use a suction cup, flat chisel or spreader to detach one of the tiles from the



grout
Ultracolor Plus

thin porcelain tiles

non-woven fabric sheet
Mapetex System

screed
Topcem Pronto

adhesive
Ultralite S2 / Ultralite S2 Quick

adhesive
Ultralite S2 / Ultralite S2 Quick

distribution joint

damp proofing barrier

concrete substrate

Mapetex-Strip (preferably in one of the corners) and the underlying length of **Mapetex**; starting from this area, lift and remove the flooring.

If you need to lay new flooring immediately, the strips of **Mapetex-Strip** still attached to the substrate may be used again.

Try to prevent dust, dirt and any other material going on to **Mapetex-Strip**, it could make it less tacky.

Lay new flooring following the same procedure as before. If, on the other hand, the substrate needs to be used again, remove the **Mapetex-Strip** and all traces of adhesive with alcohol.

PACKAGING

Mapetex:

- rolls of 50 m long by 200 cm wide;
- rolls of 50 m long by 100 cm wide.

Mapetex-Strip:

- rolls of 25 m long by 50 mm wide.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Mapetex is an article and referring to the current European regulations (Reg.

1906/2007/CE - REACH) does not require the preparation of the material safety data sheet. During use it is recommended to wear gloves and goggles and follow the safety requirements of the workplace.

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

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

LEGAL NOTICE

Mapetex System

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.com.

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

All relevant references for the product are available upon request and from www.mapei.com



BUILDING THE FUTURE