






























MAPEI MEMBRANE SYSTEMS



MAPEI MEMBRANE SYSTEMS

Mapei membranes **Mapeguard UM 35**, **Mapeguard WP 200**, **Mapesonic CR** and **Mapetex System** are the quick and simple solution to any substrate issue and can meet various requirements such as handling distribution and expansion joints, cracks in the substrate, waterproofing and acoustic insulation against footfall.

		MAPEGUARD UM 35	MAPEGUARD WP 200	MAPESONIC CR	MAPETEX SYSTEM
Solutions	Waterproofing				
	Anti-fracture				
	Uncoupling				
	Acoustic				
Applications	Interior				
	Exterior				
	Wall				
	Floor				
	Damp environments				
	Balconies and terraces				
	Heated floors				

FIELDS OF APPLICATION



Floor, in interior and exterior



Floor, interior wall



Floor, in interior



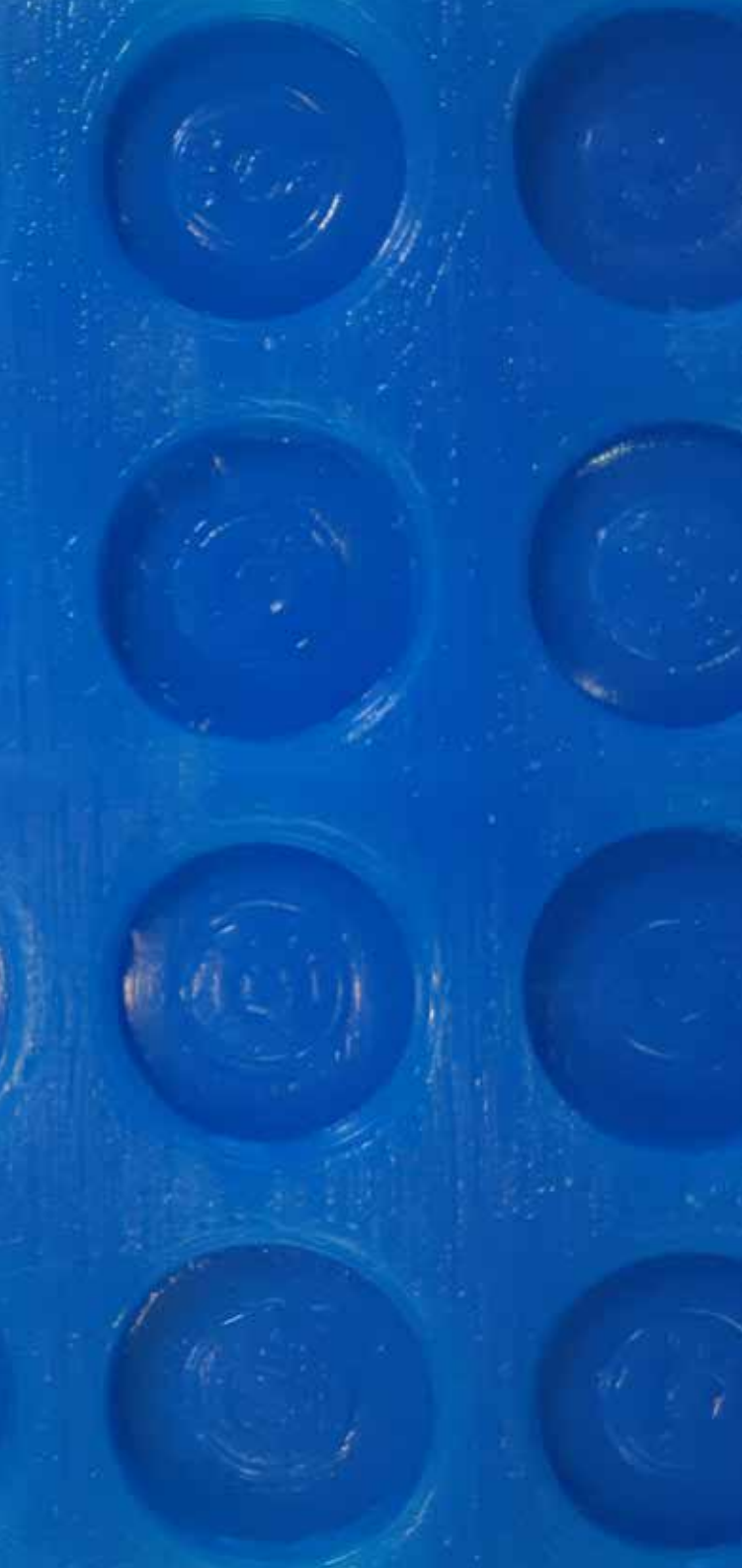
Terraces and balconies



Damp environments



Heated floors



UNCOUPLING, ANTI-FRACTURE, WATERPROOFING SOLUTION **MAPEGUARD UM 35**



1 Vapour barrier

2 Cementitious screed
Topcem Pronto

3 Adhesive
Keraflex Maxi S1 zero

4 Uncoupling, anti-fracture,
waterproofing membrane
Mapeguard UM 35

5 Adhesive
Mapeguard WP Adhesive

6 Rubber tape
Mapeband Easy

7 Adhesive
Keraflex Maxi S1 zero

8 Thin porcelain tiles

9 Grouting
Ultracolor Plus

UNCOUPLING, ANTI-FRACTURE, SOLUTION **MAPEGUARD UM 35**



1 Cracked existing floor

2 Adhesive
Ultralite range
class C2FES1

3 Uncoupling, anti-fracture
membrane
Mapeguard UM 35

4 Adhesive
Ultralite range
class C2FES1

5 Large format ceramics

6 Grouting
Ultracolor Plus

7 Sealant
Mapesil AC

MAPEGUARD UM 35 PROPERTIES

WHAT IS IT

Membrane made from a layer of honeycomb HDPE with a rough surface and polypropylene fabric backing.

The special shape of the embosses offers a **perfect mechanical bonding** of the adhesive in order to obtain a high adhesion between the ceramic or stone covering and the membrane.

PROPERTIES



Uncoupling
membrane



Anti-fracture
membrane for
cracked substrates



Waterproofing
membrane



For substrates that
are damp and/or not
completely cured



Even heat distribution
(in case of application
on heated floors)



Mechanical strength



Shape granting
perfect mechanical
bond to the adhesive



Application with no
need to follow the
existing joints

APPLICATION PROCEDURE:

- Apply the membrane using a minimum class C2 Mapei adhesive according to EN 12004 and then press it with a roller or float.
- Lay the ceramic or stone flooring using a minimum class C2 Mapei adhesive according to EN 12004, to be selected according to the tiles format and the designed use.
- If applied as a waterproofing membrane, use in combination with **Mapeband Easy** and the ancillary products from the **Drain** range.

FIELDS OF APPLICATION





WATERPROOFING SOLUTION WITH ANTI-FRACTURE PROPERTIES

MAPEGUARD WP 200



1 Cementitious screed

2 Cementitious adhesive
Ultralite range
class C2TES1

3 Anti-fracture, waterproofing
membrane resistant to alkalis
Mapeguard WP 200

4 Waterproofing tape
Mapeguard ST

5 Waterproofing internal corner
Mapeguard IC

6 Two-component, quick-drying
flexible cementitious adhesive
Mapeguard WP Adhesive

7 Cementitious adhesive
Ultralite range
class C2TES1

8 Glass mosaic

9 Epoxy grout
Kerapoxy range

10 Flexible Sealant
Mapesil AC

MAPEGUARD WP 200 PROPERTIES

WHAT IS IT

Membrane made from a flexible, thin-layer, waterproof isolating sheet of polyethylene, coated on both sides with a non-woven fabric.

The non-woven fabric ensures a relevant bond strength of the adhesive between the membrane and the substrate and between the membrane and the ceramic, stone or LVT covering.

PROPERTIES



Waterproofing
membrane



Membrane with
anti-fracture
properties



Quick and easy
to apply



Non-woven fabric
for a great adhesive
capacity

APPLICATION PROCEDURE:

- In case of ceramic or stone material, lay the membrane using a minimum class C2 Mapei adhesive according to EN 12004 or, in case of LVT, **Mapeguard WP Adhesive**; then press thoroughly.
- Use in combination with **Mapeguard ST**, **Mapeguard IC/EC** and **Mapeguard PC** for a complete waterproofing.
- Lay the ceramic or stone flooring using a minimum class C2 Mapei adhesive according to EN 12004, to be selected according to the tiles format and the designed use; in case of LVT, please refer to the relevant System Data Sheet.

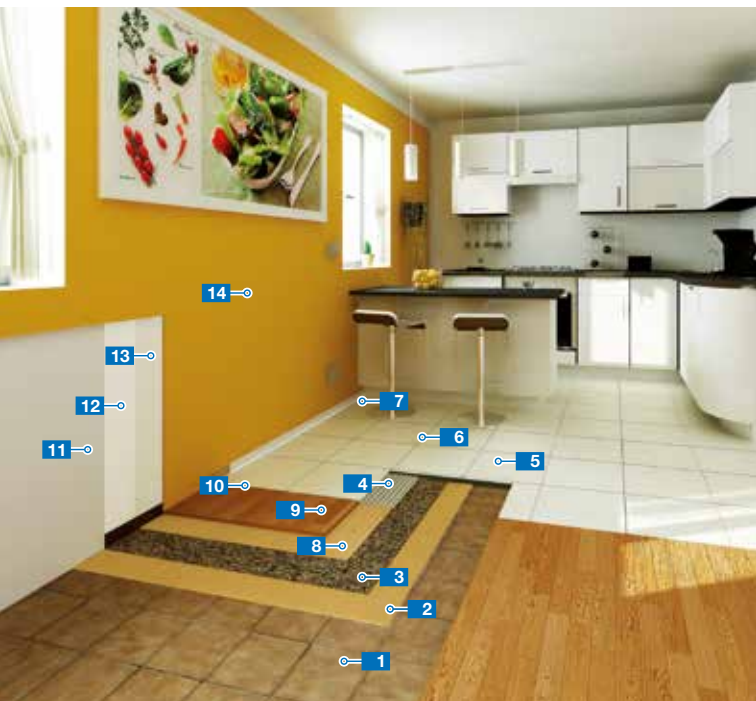
FIELDS OF APPLICATION





SOUNDPROOFING SOLUTION WITH ANTI-FRACTURE PROPERTIES

MAPESONIC CR



- | | | |
|---|--|--|
| 1 Old ceramic flooring | 5 Thin porcelain tiles | 10 Sealant Silwood |
| 2 Adhesive Ultrabond Eco S955 1K | 6 Grouting Kerapoxy CQ | 11 Render |
| 3 Soundproofing membrane Mapesonic CR (2 mm) + Mapesonic Strip | 7 Sealant Mapesil AC | 12 Skimcoat Planitop 560 |
| 4 Adhesive Keraflex Maxi S1 zero | 8 Adhesive Ultrabond Eco S955 1K | 13 Hygienising siloxane primer Silancolor Primer Plus |
| | 9 Pre-finished, multi-layered parquet | 14 Water-based hygienising paint Dursilite Plus |

MAPESONIC CR PROPERTIES

WHAT IS IT

Under-floor, low-thickness soundproofing system.

The sheets are manufactured using recomposed cork and rubber bound together with high-quality polyurethane composite.

PROPERTIES



Soundproofing
membrane



Membrane with
anti-fracture
properties



Low-thickness
membrane



Quick and easy
to install



To be applied
directly under-floor



For soundproofing
against noise caused
by footfall in existing
floors

APPLICATION PROCEDURE:

- Apply **Mapesonic Strip** perimeter tape.
- On absorbent substrates, such as screeds and skimcoats, apply the membrane using **Ultrabond Eco V4 SP** adhesive; on non-absorbent substrates such as ceramics or parquet use **Ultrabond Eco S955 1K**, **Ultrabond P902 2K** or **Ultrabond Eco P909 2K** and press thoroughly.
- Lay the ceramic or stone flooring using a minimum class C2S1 Mapei adhesive according to EN 12004, to be selected according to the tiles format and the designed use; in case of parquet or resilient flooring, please refer to the relevant Technical Data Sheet.
- Trim **Mapesonic Strip** around the flooring.

FIELDS OF APPLICATION



ANTI-FRACTURE SOLUTION MAPETEX SYSTEM



1 Concrete substrate

2 Vapour barrier

3 Screed
Topcem Pronto

4 Adhesive
Ultralite range
class C2TES1/ C2FES1

5 Non-woven fabric
Mapetex System

6 Adhesive
Ultralite range
class C2TES1/ C2FES1

7 Grouting
Ultracolor Plus

8 Thin porcelain slates

MAPETEX SYSTEM PROPERTIES

WHAT IS IT

Membrane made of synthetic non-woven fabric with high mechanical strength that, thanks to the special characteristics of the fibres that form the fabric, protects the flooring by preventing cracks in the substrate from being transmitted into the new tiling.

PROPERTIES



Membrane with **anti-fracture** properties



Cracked cementitious substrates



For not perfectly cured substrates



Application without following the existing joints



High mechanical strength thanks to the particular characteristics of the fibres



For the realisation of removable ceramic floors

APPLICATION PROCEDURE:

- Bond the membrane to the cementitious substrate using a Mapei C2, S1 or S2 class adhesive according to EN 12004 and press thoroughly.
- Lay the ceramic or stone flooring using a minimum class C2S1 Mapei adhesive according to EN 12004 to be selected according to the tiles format and the designed use.
- To be used in combination with **Mapetex Strip** when the realisation of a removable ceramic floor is required, by protecting the substrates and enable a quick removal and replacement of the tiles.

FIELDS OF APPLICATION



For further details about the products please consult the relevant technical data sheets, available on [mapei.com](https://www.mapei.com) website.

MAPEI Technical Assistance team is always available to evaluate the most suitable solution to your specific intervention.

EVERYTHING'S OK, WITH MAPEI

HEAD OFFICE
MAPEI SpA
Via Cafiero, 22
20158 Milan
+39-02-37673.1
mapei@mapei.it
mapei.com

