

Mapesonic CR Mapesilent®

SOLUTIONS FOR
SOUNDPROOFING AGAINST NOISE GENERATED BY
FOOTSTEPS FOR CERAMIC AND WOODEN FLOORING



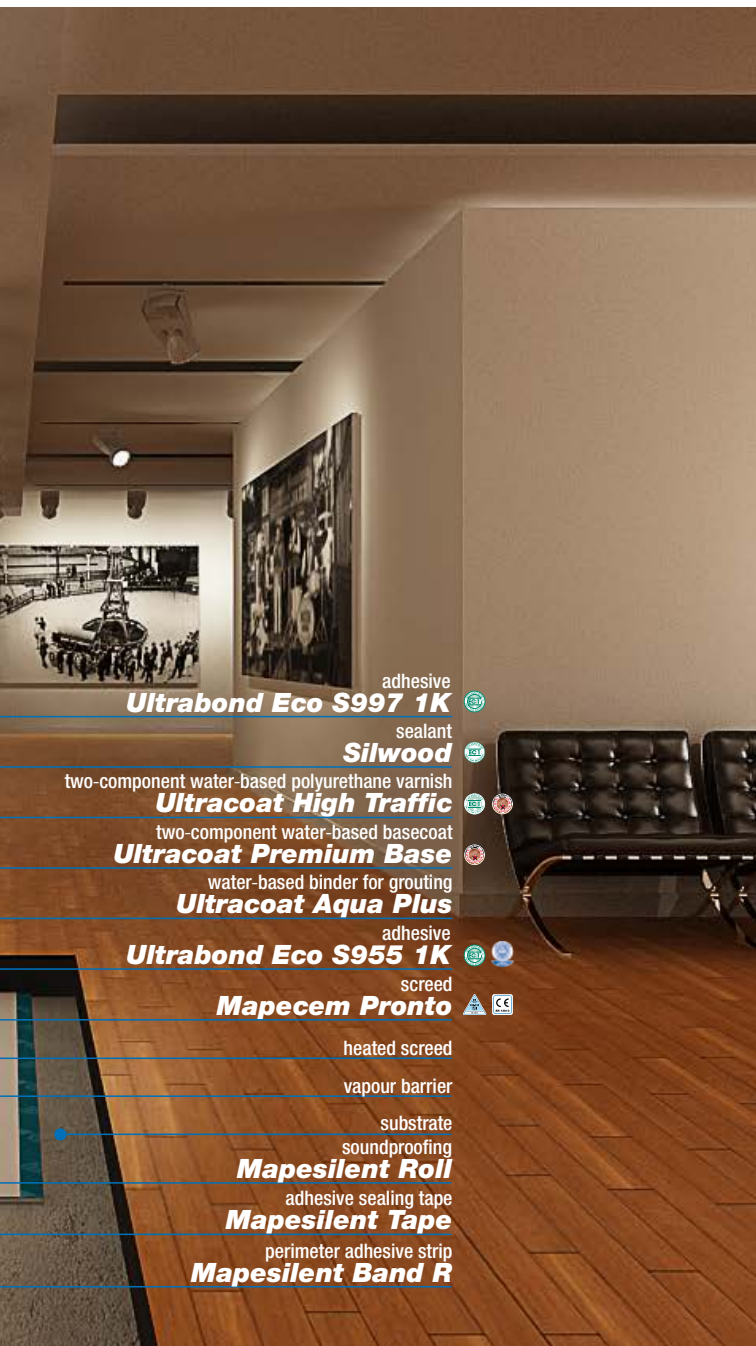
The joy of **silence**, experience
the true meaning of **wellbeing**



Mapesilent®



Under-screed soundproofing system for parquet flooring



adhesive


Ultrabond Eco S997 1K 

sealant

Silwood 

two-component water-based polyurethane varnish

Ultracoat High Traffic 

two-component water-based basecoat
Ultracoat Premium Base 

water-based binder for grouting

Ultracoat Aqua Plus 

adhesive

Ultrabond Eco S955 1K  

screed

Mapecem Pronto  

heated screed

vapour barrier

substrate

soundproofing

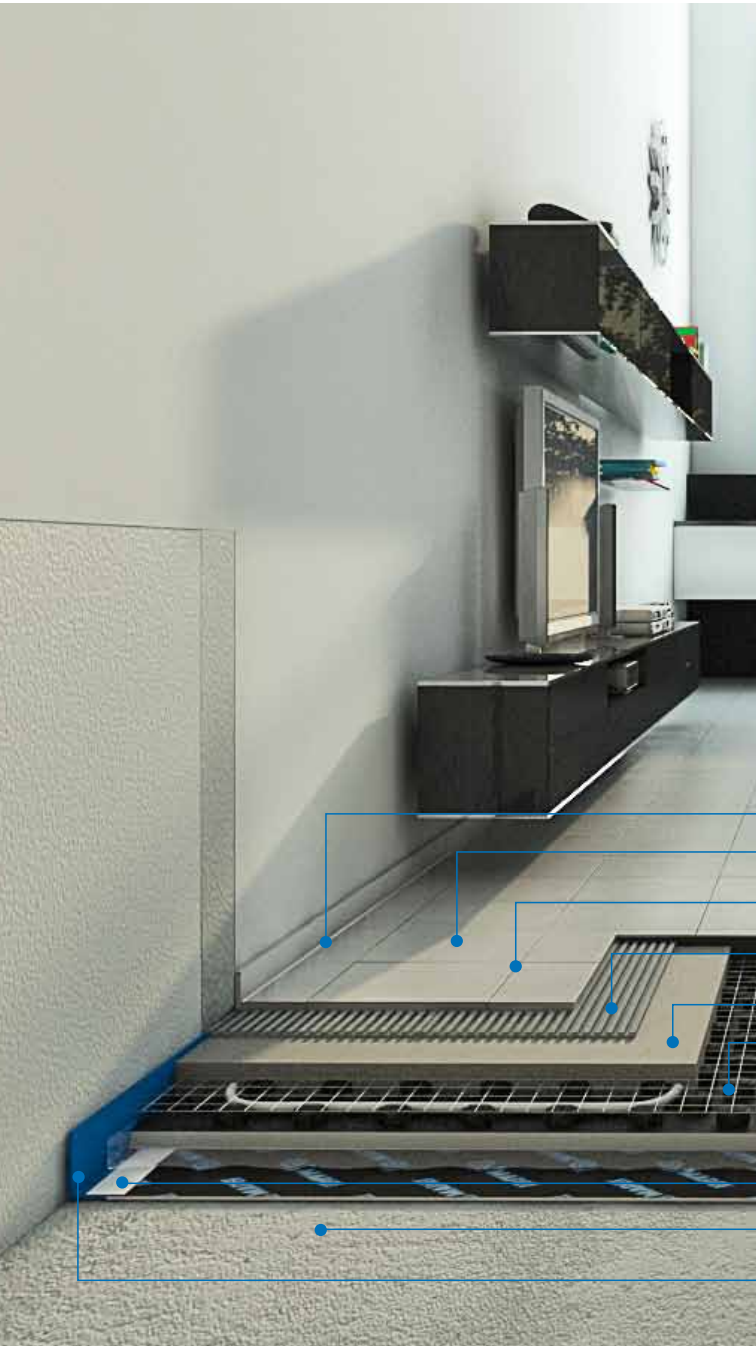
Mapesilent Roll

adhesive sealing tape

Mapesilent Tape

perimeter adhesive strip

Mapesilent Band R



Under-screed soundproofing system for ceramic flooring



sealant

Mapesil AC 

porcelain tile

grout

Ultracolor Plus   

adhesive

Keraflex Maxi S1   

screed

Topcem Pronto   

heated system

vapour barrier

soundproofing

Mapesilent Panel

adhesive sealing tape

Mapesilent Tape

lightened sub-layer

perimeter adhesive strip

Mapesilent Band R

Mapesilent®

Sheet and panel soundproofing system for floating screeds.

Mapesilent is a high-performance modular system made up of an elastoplastomeric polymer bitumen membrane sandwiched to a polyester fibre backing, and is available in rolls and panels.

Where to use

Soundproofing all types of floor slab under floating screeds used for installing any type of flooring against the noise of footsteps, to comply with the local requirements.

Advantages of Mapesilent®

- complete system including all accessories
- high performance ($\Delta L_w > 30$ dB measured on installed system)
- rapid, easy application
- available in 5 different layouts
- resistant to impact and footfall on site
- *Data Mapesilent* system available to design layout
- certified system

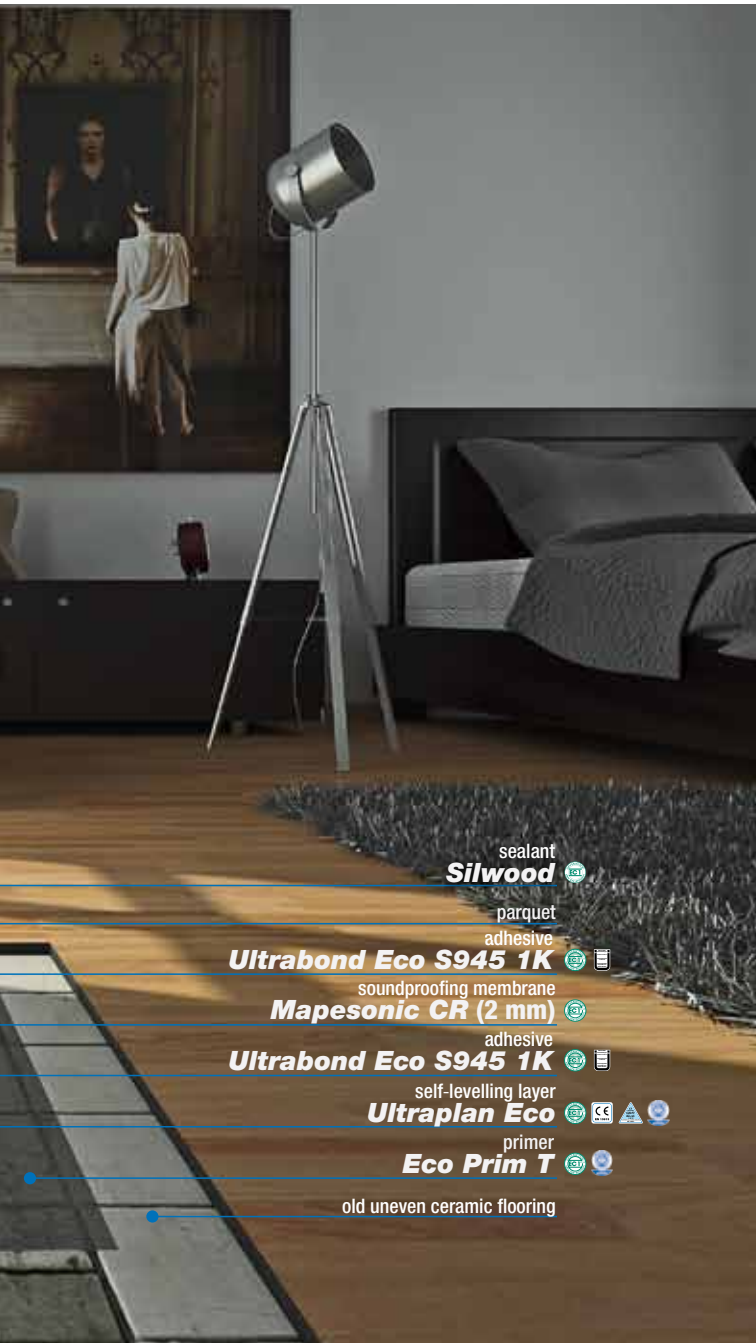
Technical Data	
Mapesilent Roll	
Format:	10x1.05 m sheets
Thickness EN 29073-2:	8 mm (before sandwiching)
Weight:	1.8 kg/m²
Thermal resistance R:	0.145 m²K/W
Apparent dynamic stiffness (S' _v):	15 MN/m³
Real dynamic stiffness (S'):	47 MN/m³
Reduction of noise from footsteps ΔL_w according to EN ISO 140-8:	21 dB (laboratory test)
Measured reduction of noise from footsteps ΔL_w :	37 dB (on site test)


Technical Data	
Mapesilent Panel	
Format:	1x1 m panels
Thickness EN 29073-2:	13 mm (before sandwiching)
Weight:	5.0 kg/m²
Thermal resistance R:	0.313 m²K/W
Apparent dynamic stiffness (S' _v):	10 MN/m³
Real dynamic stiffness (S'):	21 MN/m³
Reduction of noise from footsteps ΔL_w according to EN ISO 140-8:	24 dB (laboratory test)
Measured reduction of noise from footsteps ΔL_w :	42 dB (on site test)



Mapesonic CR





Under-floor soundproofing system for installing
parquet over old ceramic flooring



sealant
Silwood 

parquet
adhesive
Ultrabond Eco S945 1K  

soundproofing membrane
Mapesonic CR (2 mm) 

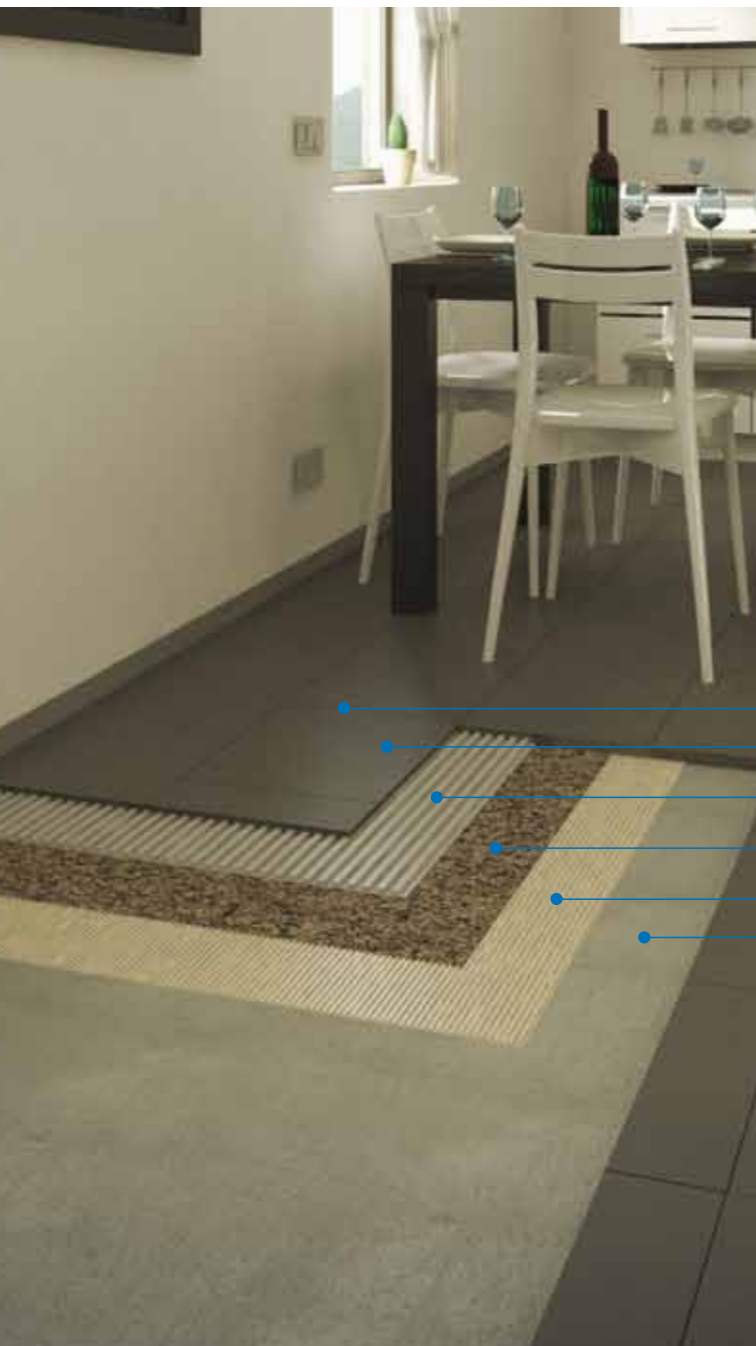
adhesive
Ultrabond Eco S945 1K  

self-levelling layer
Ultraplan Eco    

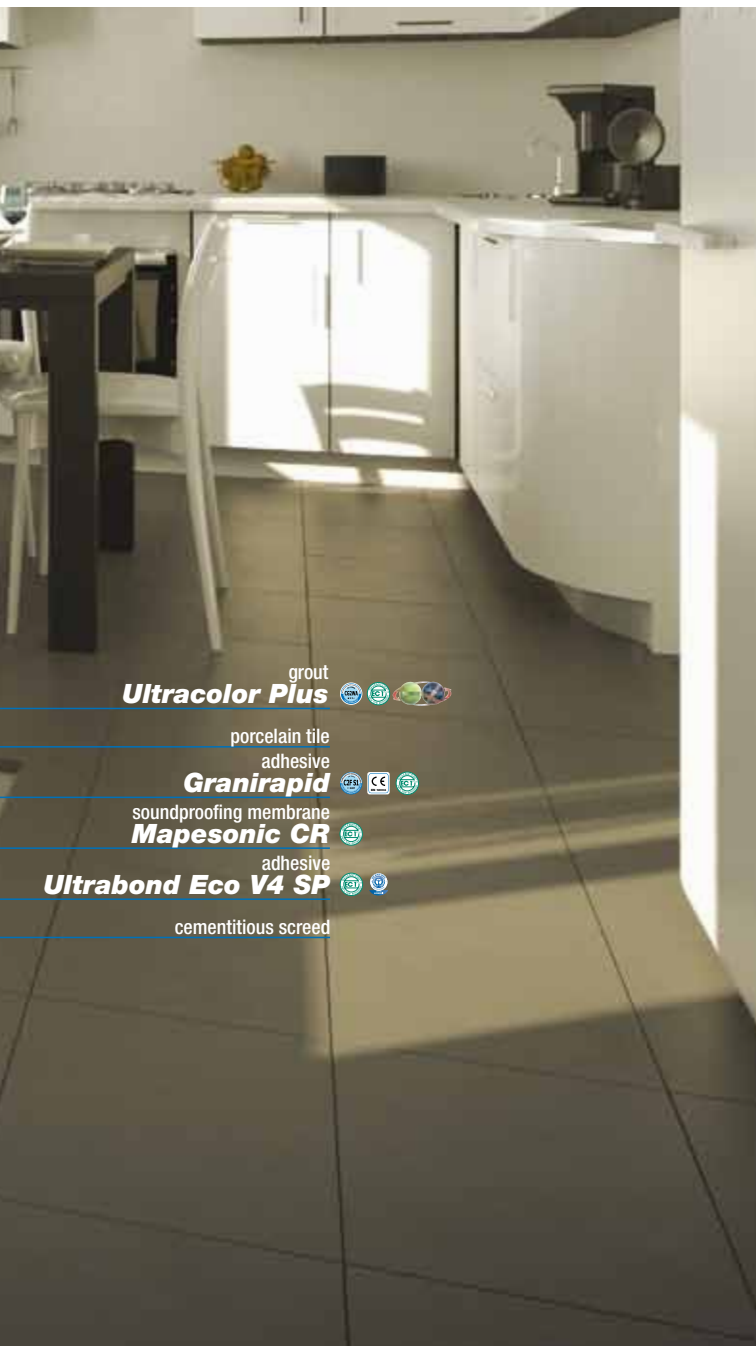
primer
Eco Prim T  

old uneven ceramic flooring

Mapesonic CR



Under-floor soundproofing system for installing **ceramic** flooring



grout

Ultracolor Plus



porcelain tile

adhesive

Granirapid



soundproofing membrane

Mapesonic CR



adhesive

Ultrabond Eco V4 SP



cementitious screed

Under-floor soundproofing system with very low emission of volatile organic compounds (EC1 PLUS) and for rapid soundproofing work

Mapesonic CR is an innovative, high-performance system in sheets made from cork granules and recycled rubber.

Where to use

Soundproofing existing flooring against the noise generated by footsteps.

Mapesonic CR may be applied over cementitious substrates or old ceramic and natural stone floors before installing ceramic, stone, multi-layered parquet and resilient flooring.

Advantages of Mapesonic CR

- efficient reduction of noise from footsteps
- suitable for overlaying old flooring
- rapid, easy installation
- reduced thickness
- may be installed directly under new flooring
- suitable for heated flooring
- certified system
- very low emission of volatile organic compounds (EC1 PLUS according to GEV-EMICODE)

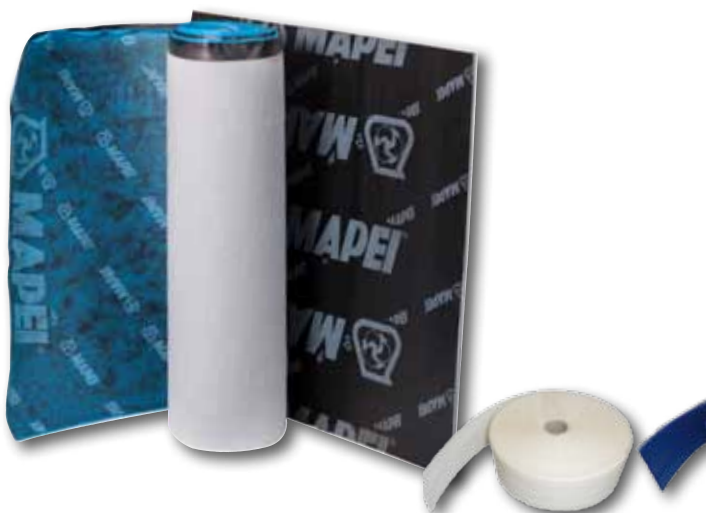
Technical data

Thickness:	2 mm	4 mm
Weight:	1.36 kg/m²	2.70 kg/m²
Length:	30 m	20 m
Width:	1 m	1 m
Thermal resistance R:	0.024 m²K/W	0.048 m²K/W
Material:	recomposed cork and rubber with polyurethane binder	
Packaging:	rolls	
EMICODE:	EC1 PLUS – very low emission	
Elongation at failure EN ISO 1798:	20%	
Tensile strength EN ISO 1798:	0,6 N/mm²	
Reduction of noise from footsteps ΔL_w according to EN ISO 10140-3:	10 dB* * n° PX21361-1	

Mapesonic CR



Mapesilent®



- Mapesonic CR
- Mapesonic Strip
- Ultrabond Eco S945 1K
- Ultrabond Eco S955 1K
- Silwood
- Eco Prim T
- Ultraplan Eco
- Ultrabond S997 1K



- Mapesilent Roll
- Mapesilent Panel
- Mapesilent Band R
- Mapesilent Tape
- Mapesilent Underwall



-  **PRODUCTS FOR CERAMICS AND STONE MATERIALS**
-  **PRODUCTS FOR RESILIENT AND TEXTILE MATERIALS**
-  **PRODUCTS FOR WOODEN FLOORING**
-  **PRODUCTS FOR CEMENTITIOUS AND RESIN FLOORING**
-  **PRODUCTS FOR ACOUSTIC INSULATION**
-  **PRODUCTS FOR BUILDING**
-  **ADMIXTURES FOR CONCRETE**
-  **PRODUCTS FOR STRUCTURAL STRENGTHENING**
-  **PRODUCTS FOR THE REPAIR OF MASONRY**
-  **PRODUCTS FOR THERMAL INSULATION**
-  **WALL PROTECTIVE AND DECORATIVE COATINGS**
-  **PRODUCTS FOR WATERPROOFING**
-  **PRODUCTS FOR UNDERGROUND CONSTRUCTIONS**
-  **ELASTIC SEALANTS AND ADHESIVES**
-  **GRINDING AIDS FOR CEMENT**

HEADQUARTERS

MAPEI Spa

Via Cafiero, 22 - 20158 Milan

Tel. +39-02-37673.1

Fax +39-02-37673.214

Internet: www.mapei.com

E-mail: mapei@mapei.it