

Mapesonic CR Mapesilent®

**SOUNDPROOFING SOLUTIONS
FOR INSTALLING PARQUET**



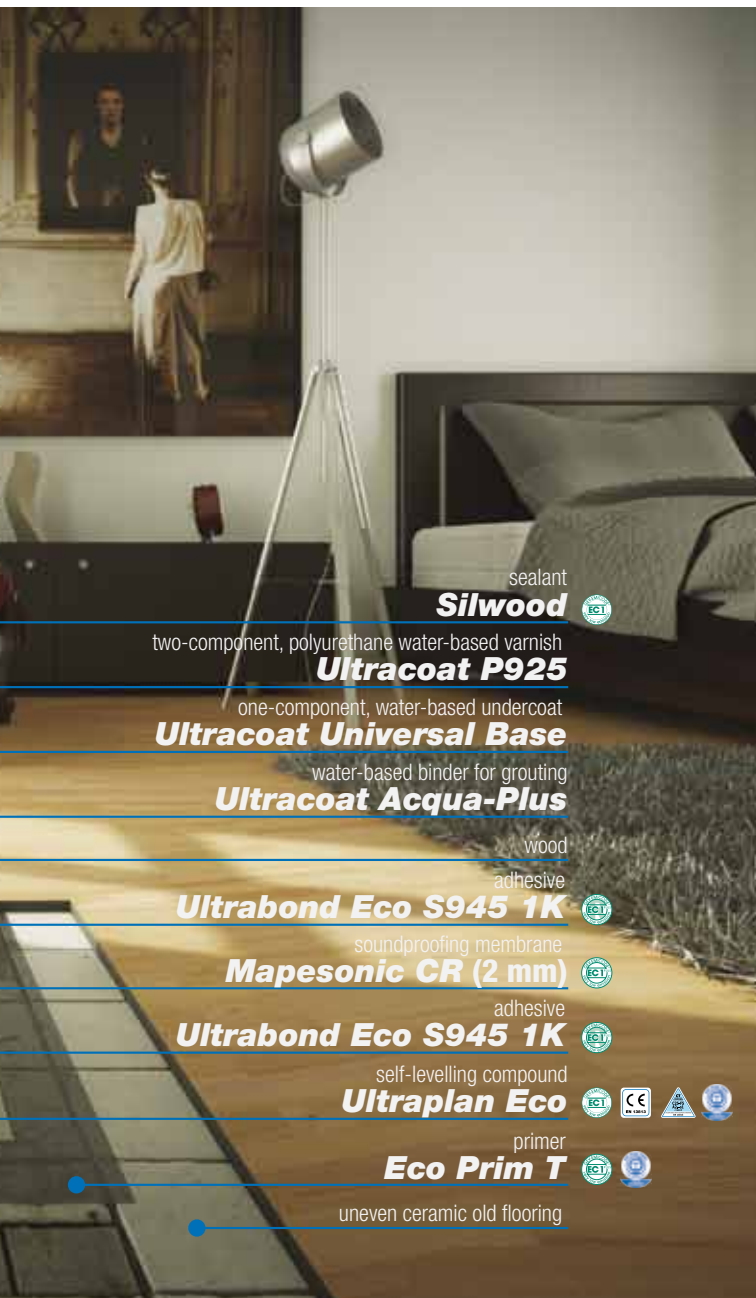
The joy of **silence**, experience
the true meaning of wellbeing



Mapesonic CR – Soundproof wood on uneven, old ceram



ofing system for installing ic floors



sealant

Silwood



two-component, polyurethane water-based varnish

Ultracoat P925

one-component, water-based undercoat

Ultracoat Universal Base

water-based binder for grouting

Ultracoat Acqua-Plus

wood

adhesive

Ultrabond Eco S945 1K



soundproofing membrane

Mapesonic CR (2 mm)



adhesive

Ultrabond Eco S945 1K



self-levelling compound

Ultraplan Eco



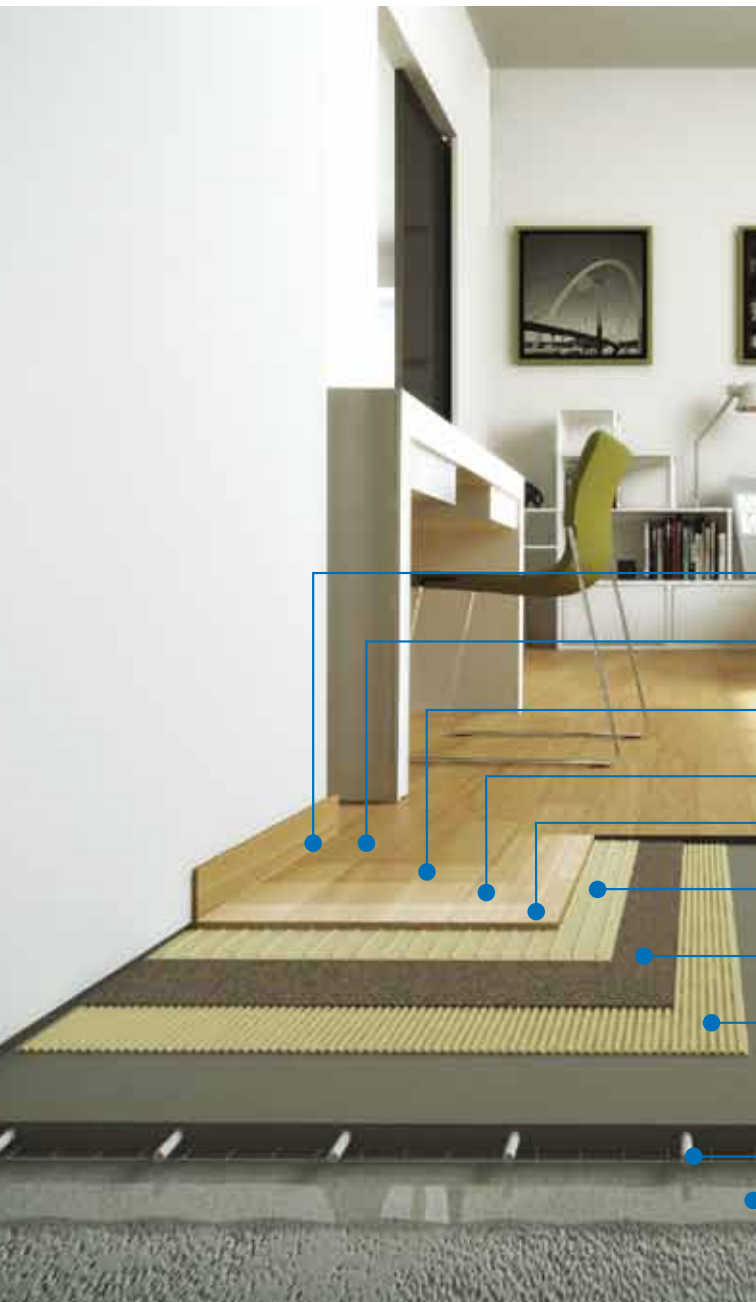
primer

Eco Prim T

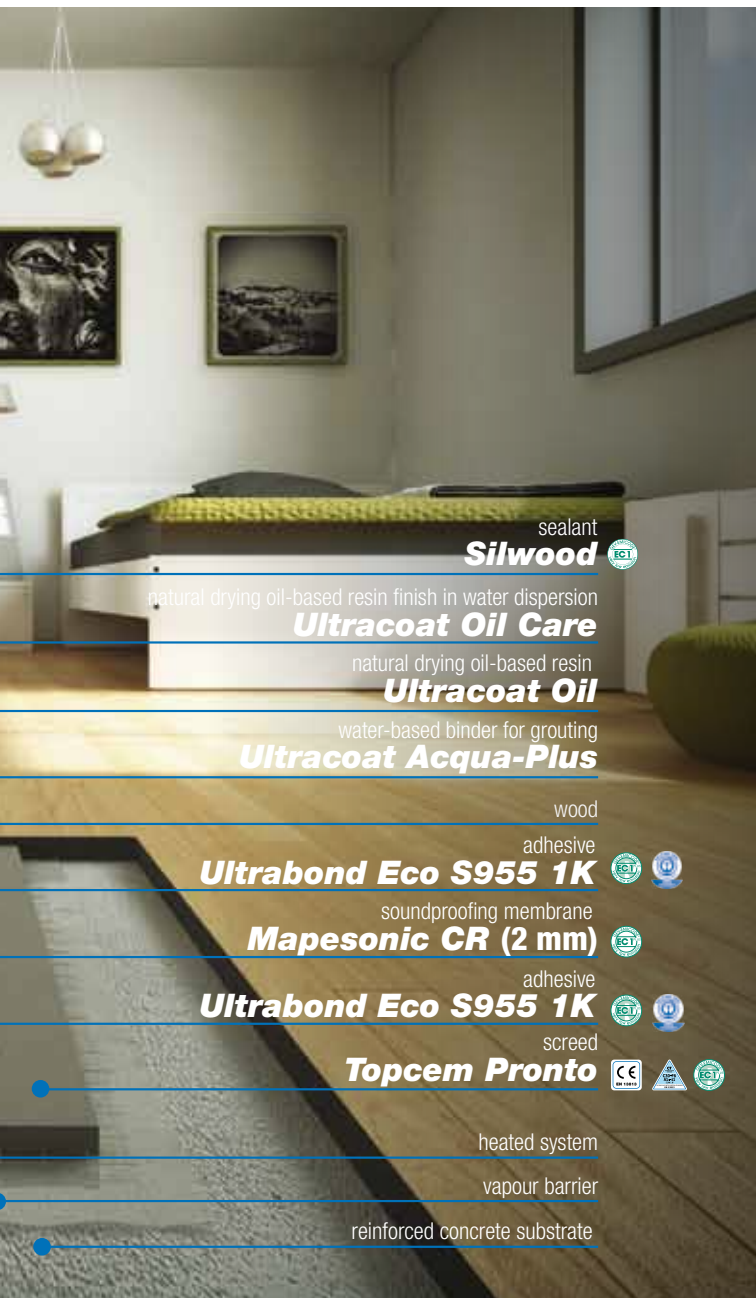


uneven ceramic old flooring

Mapesonic CR – Soundproof wood on floors with a heat



flooring system for installing heated screed



sealant

Silwood



natural drying oil-based resin finish in water dispersion

Ultracoat Oil Care

natural drying oil-based resin

Ultracoat Oil

water-based binder for grouting

Ultracoat Aqua-Plus

wood

adhesive

Ultrabond Eco S955 1K



soundproofing membrane

Mapesonic CR (2 mm)



adhesive

Ultrabond Eco S955 1K



screed

Topcem Pronto

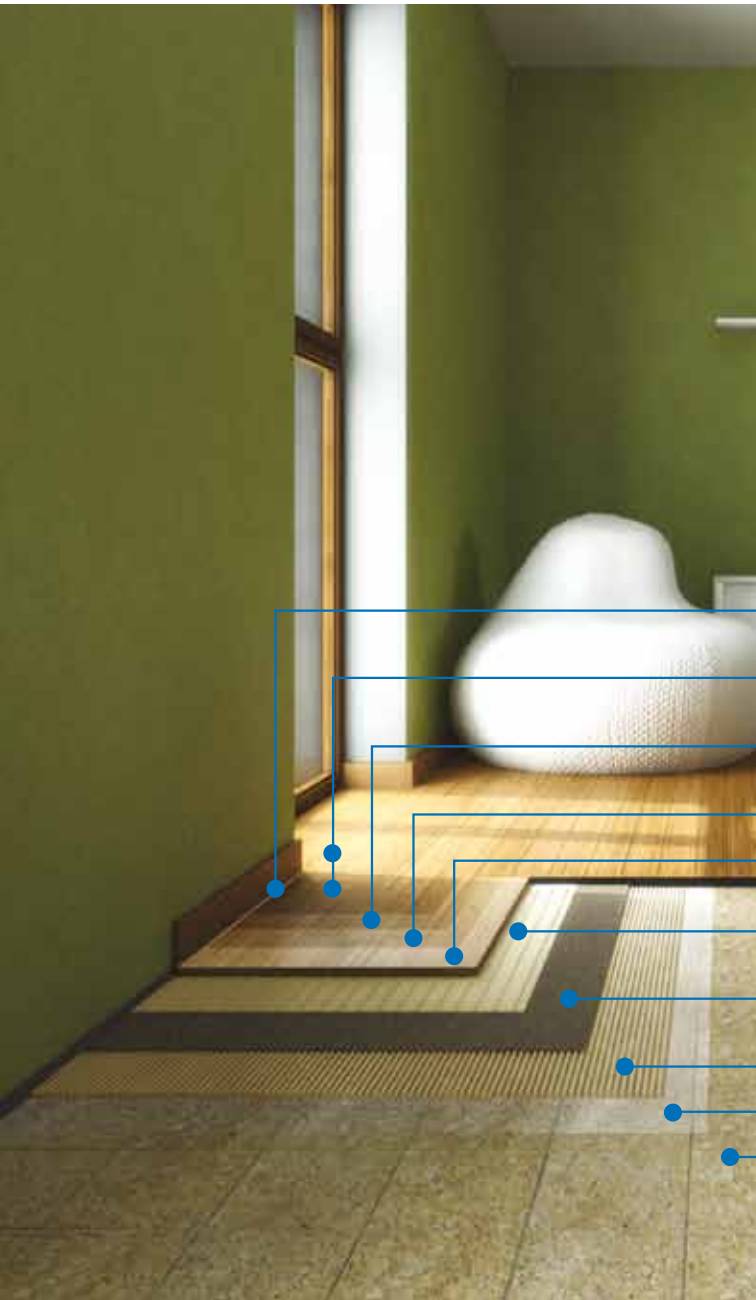


heated system

vapour barrier

reinforced concrete substrate

Mapesonic CR – Soundproof wood on old terrazzo floors



ofing system for installing

sealant

Silwood



one component, water-based polyurethane varnish

(2 coats) **Ultracoat P915**

one-component, water-based undercoat

Ultracoat Universal Base

water-based binder for grouting

Ultracoat Acqua-Plus

wood

adhesive

Ultrabond Eco S955 1K



soundproofing membrane

Mapesonic CR (2 mm)



adhesive

Ultrabond Eco S955 1K



sanding of old ceramic

old ceramic

Under-floor soundproofing system with a very low emission level of volatile organic compounds (EMICODE 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 floors to combat the noise of footsteps. **Mapesonic CR** may be applied on top of cement-based substrates and on old ceramic and natural stone floors before laying multi-layered parquet, resilient, ceramic and stone flooring.

Advantages of Mapesonic CR

- efficient reduction of noise from footsteps
- may be applied on old floors
- quick, easy installation
- minimum thickness
- may be used directly below new flooring
- may be applied on heated floors
- certified system
- very low emission level of volatile organic compounds (EC1 PLUS according to GEV-EMICODE)

TECHNICAL DATA

Thickness:	2 mm	4 mm
Weight:	1.36 kg/m ²	2.70 kg/m ²
Length:	30 m	20 m
Width:	1 m	1 m
Thermal resistance R:	0.024 m ² K/W	0.048 m ² K/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/mm ²	
Reduction of noise from footsteps ΔL_w EN ISO 140-8:	17 dB* *n° KB-050107K TS - Mapesonic CR 2 mm + wood *n° KB-050107I TS - Mapesonic CR 2 mm + ceramic	

The “Benefits” of the system

- Solution to reduce the noise caused by footsteps;
- **eco-friendly** system/solution, **quick** and **ideal** for renovation work;
- low thickness soundproofing system;
- also ideal for under-floor heated systems;
- certified for 17 dB of reduction in noise from footsteps on a normalised floor slab (UNI EN ISO 140-8);
- certified EMICODE EC1 PLUS (very low emission level of volatile organic compounds-PLUS), awarded by the GEV Institut (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), the association which checks emission levels of products used for floors, adhesives and various materials used in the building industry, and of which Mapei is a member.

Gemeinschaft Emissionskontrollierte
Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.
Association for the Control of Emissions from Products
for Flooring Installation, Adhesives and Building Materials



Awarding of licence for the use of EMICODE

Licence Number:	2283/01.10.05
For the product	Mapesonic CR
Of company	Mapei S.p.A.
Due to application date	April 29, 2011

With reference to the classification in accordance with the directives as stipulated in § 10 of the GEV trademark constitution

on behalf of the GEV for the above mentioned product as per § 5, section 4 of the GEV trademark constitution is awarded the licence for the use of the GEV trademark

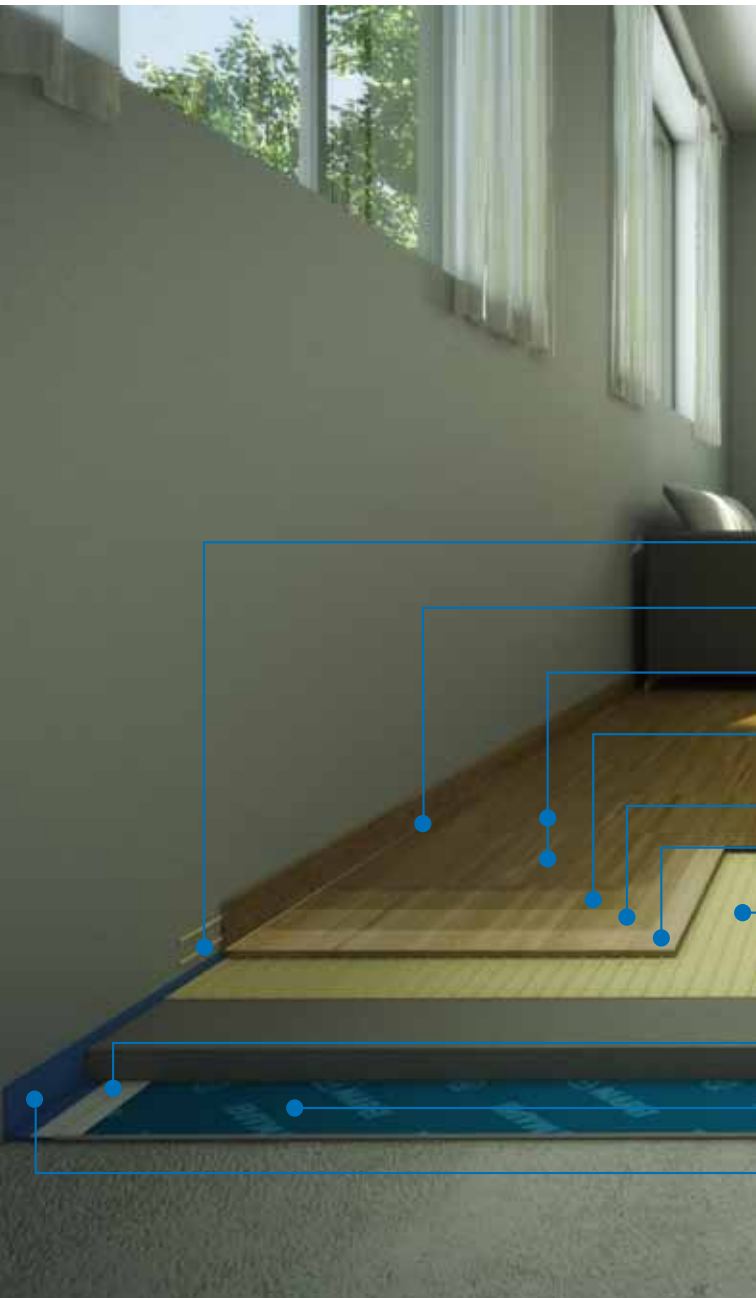


This product meets with the guidelines for the criteria of use listed reverse.
The company is ordinary member of the GEV.
GEV membership number OM 035

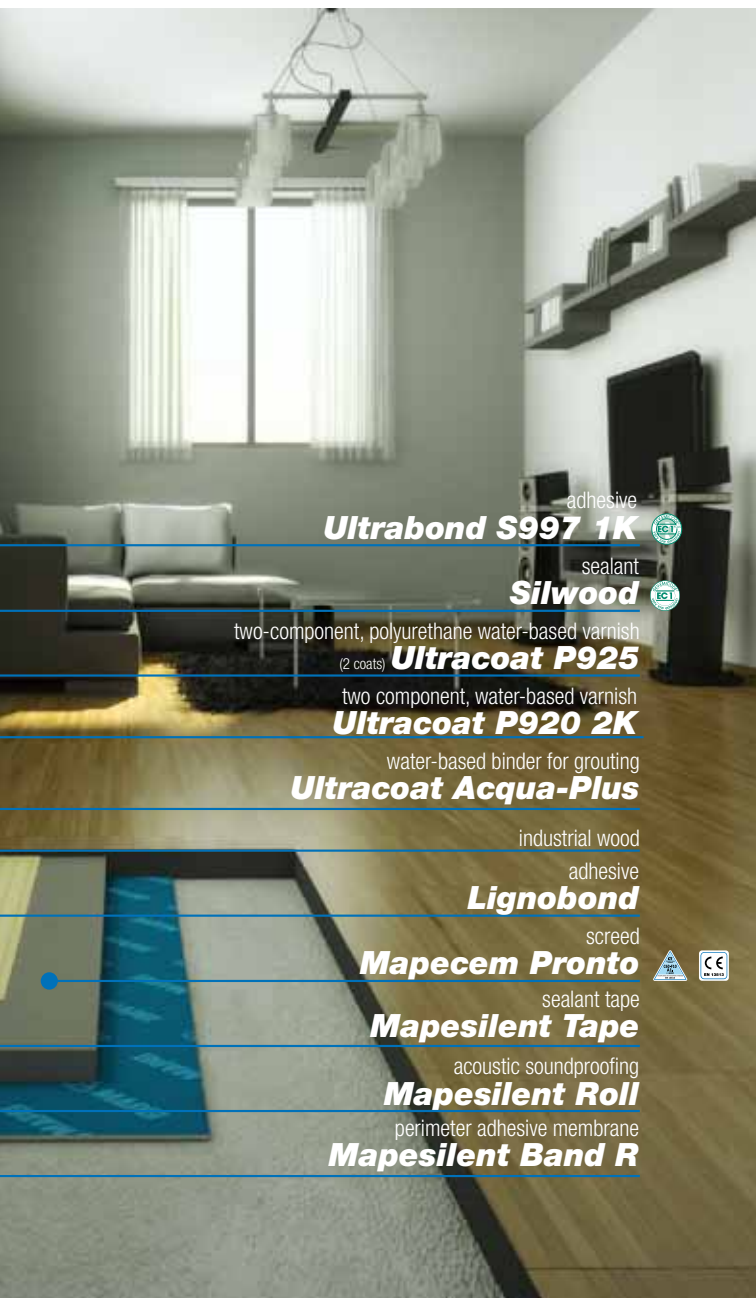
The Secretary General
Association for the Control of Emissions in Products
for Flooring Installation, Adhesives and Building Materials (GEV)
Wolkinger Straße 4 • D-42699 Solingen

April 29, 2011

Mapesilent® - Rapid sound for installing wood



proofing system



adhesive
Ultrabond S997 1K



sealant
Silwood



two-component, polyurethane water-based varnish
(2 coats) **Ultracoat P925**

two component, water-based varnish
Ultracoat P920 2K

water-based binder for grouting
Ultracoat Acqua-Plus

industrial wood

adhesive
Lignobond

screed
Mapecem Pronto



sealant tape
Mapesilent Tape

acoustic soundproofing
Mapesilent Roll

perimeter adhesive membrane
Mapesilent Band R

Mapesilent®

Soundproofing system in sheets and panels for floating screeds.

Mapesilent is a modular high-performance system comprising an elasto-plastomeric polymer bitumen membrane coupled to a polyester fibre backing, available in rolls and panels.

Where to use

Soundproofing against the noise of footsteps for all types of floor slab for floating screeds, for installing any type of flooring which meets the legal requirements of DPCM 5-12-97 and to meet the highest soundproofing efficiency classes (Class I and II) according to the technical norm UNI 11367 – “Acoustic classification of buildings”.

Advantages of Mapesilent®

- complete system with all accessories
- high performance
- rapid, easy installation
- available in 5 different configurations
- resistant to impact and footsteps on site
- waterproof against accidental leaks and spillages
- may be designed using Data Mapesilent software
- certified system

Certificati:

I.N.R.I.M. Institute: R.P. n° 09-0124-02/2009,
R.P. n° 09-0125-01/2009 and R.P. n° 09-0125-02/2009
Giordano Institute: R.C. n° 256817/2009

TECHNICAL DATA

Mapesilent Roll

Format:	10x1.05 m sheets
Thickness EN 29073-2:	8 mm (before joining)
Weight:	1.8 kg/m ²
Thermal resistance R:	0.145 m ² K/W
Apparent dynamic stiffness (S'):	15 MN/m ³
Real dynamic stiffness (S'):	47 MN/m ³
Reduction of noise from footsteps ΔL_w EN ISO 140-8:	21 dB (laboratory test)
Reduction of noise from footsteps ΔL_w on site:	> 30 dB (tested on site)

TECHNICAL DATA

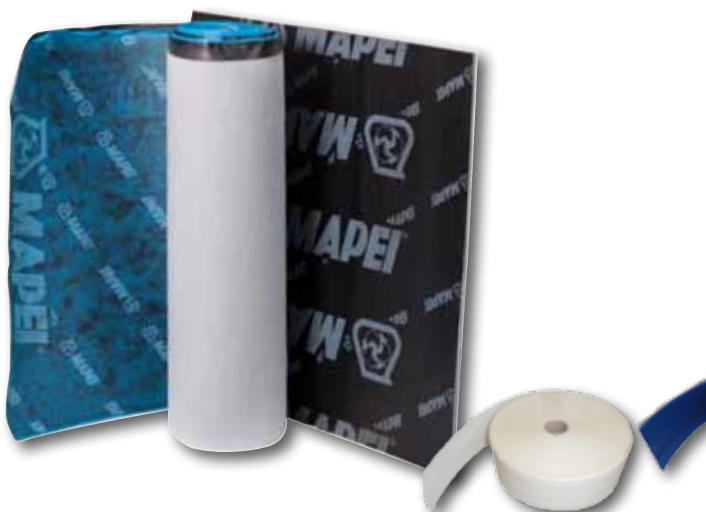
Mapesilent Panel

Format:	1x1 m panels
Thickness EN 29073-2:	13 mm (before joining)
Weight:	5.0 kg/m ²
Thermal resistance R:	0.313 m ² K/W
Apparent dynamic stiffness (S'):	10 MN/m ³
Real dynamic stiffness (S'):	21 MN/m ³
Reduction of noise from footsteps ΔL_w EN ISO 140-8:	24 dB (laboratory test)
Reduction of noise from footsteps ΔL_w on site:	> 30 dB (tested on site)

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 Band
- Mapesilent Door
- Mapesilent Tape

