The joy of silence, experience the true meaning of wellbeing
Mapesonic CR – Soundproofing system for installing wood on uneven, old ceramic floors

- **Mapesonic CR** (2 mm)
- **Eco Prim T**
- **Ultraplan Eco**
- **Ultrabond Eco S945 1K**
- **wood**
- **Ultracoat Universal Base**
- **Ultracoat Acqua-Plus**
- **Ultracoat P925**
- **Silwood**
- **self-levelling compound**
- **one-component, water-based undercoat**
- **water-based binder for grouting**
- **two-component, polyurethane water-based varnish**
- **sealant**
Mapesonic CR – Soundproofing system for installing uneven, old ceramic floors

- **Primer:** Eco Prim T
- **Self-levelling compound:** Ultraplan Eco
- **Soundproofing membrane:** Ultrabond Eco S945 1K
- **Adhesive:** Ultrabond Eco S945 1K
- **Sealant:** Silwood
- **Water-based binder for grouting:** Ultracoat Acqua-Plus
- **One-component, water-based undercoat:** Ultracoat Universal Base
- **Two-component, water-based undercoat:** Ultracoat P925
- **Polyurethane water-based varnish:** Ultracoat P925
- **Sealant:** Silwood
- **Adhesive:** Ultrabond Eco S945 1K
- **Self-levelling compound:** Ultraplan Eco
- **Primer:** Eco Prim T
- **Wood:** uneven ceramic old flooring

**Mapei**
Mapesonic CR – Soundproofing system for installing wood on floors with a heated screed

- Mapesonic CR (2 mm)
- Ultrabond Eco S955 1K adhesive
- Ultra-coat Oil Care
- Ultra-coat Oil
- Ultra-coat Acqua-Plus
- Silwood
- Topcem Pronto soundproofing membrane
- Natural drying oil-based resin finish in water dispersion
- Water-based binder for grouting
ofing system for installing ed screed

- Mapesonic CR – Soundproing system for installing wood on floors with a heated screed
- Topcem Pronto
- Mapesonic CR (2 mm) adhesive
- Ultrabond Eco S955 1K adhesive
- Ultracoat Oil Care
- Ultracoat Oil
- Ultracoat Acqua-Plus
- Silwood
- Natural drying oil-based resin finish in water dispersion
- Natural drying oil-based resin
- Water-based binder for grouting
- Ultrabond Eco S955 1K
- Ultracoat Oil
- Ultracoat Acqua-Plus
- Silwood
- Natural drying oil-based resin finish in water dispersion
- Natural drying oil-based resin
- Water-based binder for grouting
- Natural drying oil-based resin finish in water dispersion
- Natural drying oil-based resin
- Water-based binder for grouting
- Wood
- Screed
- Reinforced concrete substrate
- Heated system
- Vapour barrier
- MAPEI
Mapesonic CR – Soundproofing system for installing wood on old terrazzo floors.
Mapesonic CR – Soundpro ofing system for installing wood on old terrazzo floors

- Ultrabond Eco S955 1K
  - adhesive
  - soundproofing membrane
  - (2 mm)

- Ultracoat P915
  - one-component, water-based polyurethane varnish
  - (2 coats)

- Ultracoat Universal Base
  - one-component, water-based undercoat

- Ultracoat Acqua-Plus
  - water-based binder for grouting

- Silwood
  - sealant
  - one component, water-based polyurethane varnish

- wood

- sanding of old ceramic

- old ceramic
**Mapesonic CR**

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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Thickness:</td>
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<td>Weight:</td>
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<td></td>
<td>4 mm</td>
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<td>2.70 kg/m²</td>
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<td>Length:</td>
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<td>20 m</td>
</tr>
<tr>
<td>Width:</td>
<td>1 m</td>
</tr>
<tr>
<td></td>
<td>1 m</td>
</tr>
<tr>
<td>Thermal resistance R:</td>
<td>0.024 m²K/W</td>
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<td></td>
<td>0.048 m²K/W</td>
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<tr>
<td>Material:</td>
<td>recomposed cork and rubber with polyurethane binder</td>
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<tr>
<td>Packaging:</td>
<td>rolls</td>
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<td>EMICODE:</td>
<td>EC1 PLUS - very low emission</td>
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<tr>
<td>Elongation at failure:</td>
<td>20%</td>
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<td>EN ISO 1798:</td>
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<tr>
<td>Tensile strength:</td>
<td>0.6 N/mm²</td>
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<td>EN ISO 1798:</td>
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<tr>
<td>Reduction of noise from footsteps $\Delta L_{w}$:</td>
<td>17 dB*</td>
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<tr>
<td>EN ISO 140-8:</td>
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<td></td>
<td>'n° KB-050107K TS - Mapesonic CR 2 mm + wood</td>
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<tr>
<td></td>
<td>'n° KB-050107I TS - Mapesonic CR 2 mm + ceramic</td>
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</table>
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.
proofing system

Mapesilent® - Rapid sound proofing system for installing wood

- **Ultrabond S997 1K**
- **Ultracoat P925**
- **Ultracoat P920 2K**
- **Ultracoat Acqua-Plus**
- **Lignobond**
- **Silwood**
- **Mapecem Pronto**
- **Mapesilent Tape**
- **Mapesilent Roll**
- **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,
Giordano Institute: R.C. n° 256817/2009
### TECHNICAL DATA

#### Mapesilent Roll

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<th>Format:</th>
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<td>Thickness EN 29073-2:</td>
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<tr>
<td>Weight:</td>
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<td>Thermal resistance R:</td>
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<td>Apparent dynamic stiffness (S’):</td>
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<td>Real dynamic stiffness (S’):</td>
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<td>21 dB (laboratory test)</td>
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<tr>
<td>Reduction of noise from footsteps ΔLₘₑₙ on site:</td>
<td>&gt; 30 dB (tested on site)</td>
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#### Mapesilent Panel

<table>
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</thead>
<tbody>
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<td>Weight:</td>
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<tr>
<td>Thermal resistance R:</td>
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<tr>
<td>Apparent dynamic stiffness (S’):</td>
<td>10 MN/m³</td>
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<tr>
<td>Real dynamic stiffness (S’):</td>
<td>21 MN/m³</td>
</tr>
<tr>
<td>Reduction of noise from footsteps ΔLₘₑₙ EN ISO 140-8:</td>
<td>24 dB (laboratory test)</td>
</tr>
<tr>
<td>Reduction of noise from footsteps ΔLₘₑₙ on site:</td>
<td>&gt; 30 dB (tested on site)</td>
</tr>
</tbody>
</table>
- 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