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TECHNICAL DATA SHEET

REV.2 21/05/2024

VIBRAGEL PUNTI
VIBRAGEL ROMBI

DESCRIPTION
Flexible viscoelastic sound-proofing sheets used for reducing air-propagated noise and for dampening impact noise and vibrations. They capture part of the energy and transform it into heat through internal friction processes. This results in a significant reduction in radiated noise as well as the partial or total elimination of the metallic character of support resonance.

FIELD OF APPLICATION
These sheets are particularly suitable for applications requiring light malleability: they can adhere to flat, or slightly curved surfaces.

- metal parts in motor vehicles,
- air conditioning equipment,
- household appliances, metal furniture,
- elevator cabins,
- machines and machinery of various kinds.

COMPOSITION
- Panel: flexible calendered compound based on bitumen, SBS, variable grain size mineral fillers;
- Upper face: acrylic self-adhesive protected by silicone paper;
- Lower face: black PE, dotted or diamond-embossed surface.

CHARACTERISTICS
- Thickness: 2.0 mm
- Adhesive instant tack (ASTM D 3121 25°C): < 7 cm
- Burning rate (UNI ISO 3795): v ≤ 20 mm/min (class: self-extinguishing)
- Vertical flammability (UL94): V2 class
- Flexibility (spindle 20 mm): T ≥ -10°C
- Working temperature: -20 to +80°C
- Mass: 3 – 3.5 Kg/m^2

APPLICATION
The product must be applied after conditioning at room temperature.
The application surface must be dry, clean, free from oil, grease, dust or other impurities.
Apply at 20-25°C for maximum adhesion.
The panel surface must be in total contact with the support (avoid formation of air bubbles between the product and the support).

STORAGE
Maximum 6 months, away from direct light, in a cool, dry place (between 10 and 25°C).

* For any information about product codes or packs, please see our catalogue, our price list or contact us.

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TECHNICAL DATA SHEET

REV.2 21/05/2024

VIBRAGEL ALLUMINIO

DESCRIPTION

Sound-proofing sheet used for reducing air-propagated noise and for dampening impact noise and vibrations. It captures part of the energy and transforms it into heat through internal friction processes. This results in a significant reduction in radiated noise as well as the partial or total elimination of the metallic character of support resonance.

FIELD OF APPLICATION

This sheet is particularly suitable for applications requiring reflection of the thermal radiation while operating. The embossed aluminum coating reflects thermal radiation and offers high insulation values against water vapour.

- metal parts in motor vehicles,
- air conditioning equipment,
- household appliances, metal furniture,
- elevator cabins,
- machines and machinery of various kinds.

COMPOSITION

- Panel: calendered compound based on bitumen, elastomers, variable grain size mineral fillers;
- Upper face: acrylic self-adhesive protected by silicone paper;
- Lower face: surface covered in embossed aluminium

CHARACTERISTICS

- Thickness: 2.0 mm
- Burning rate (UNI ISO 3795): v ≤ 100 mm/min (class: self-extinguishing)
- Working temperature: -30 to +90°C (peaks up to 100°C for max 2h)
- Mass: 3.5 Kg/m^2

APPLICATION

The product must be applied after conditioning at room temperature.
The application surface must be dry, clean, free from oil, grease, dust or other impurities.
Apply at 20-25°C for maximum adhesion.
The panel surface must be in total contact with the support (avoid formation of air bubbles between the product and the support).

STORAGE

Maximum 6 months, away from direct light, in a cool, dry place (between 10 and 25°C).

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TECHNICAL DATA SHEET

REV.2 21/05/2024

VIBRAGEL FLEX

DESCRIPTION

Flexible viscoelastic sound-proofing sheets used for reducing air-propagated noise and for dampening impact noise and vibrations. They capture part of the energy and transform it into heat through internal friction processes. This results in a significant reduction in radiated noise as well as the partial or total elimination of the metallic character of support resonance.

FIELD OF APPLICATION

These sheets are particularly suitable for applications requiring malleability: they can adhere to flat, slightly ribbed or curved surfaces.

- metal parts in motor vehicles,
- air conditioning equipment,
- household appliances, metal furniture,
- elevator cabins,
- machines and machinery of various kinds.

COMPOSITION

- Panel: flexible calendered compound based on bitumen, elastomers, variable grain size mineral fillers;
- Upper face: acrylic self-adhesive protected by silicone paper;
- Lower face: clear low density polyethylene film.

CHARACTERISTICS

- Thickness: 2.5 mm
- Burning rate (UNI ISO 3795): $v \leq 100$ mm/min (class: self-extinguishing)
- Flexibility (spindle 25 mm): T 0 – 5°C
- Working temperature: -30 to +90°C (peaks up to 100°C for max 2h)
- Mass: 4 - 5 Kg/m^2

APPLICATION

The product must be applied after conditioning at room temperature.
The application surface must be dry, clean, free from oil, grease, dust or other impurities.
Apply at 20-25°C for maximum adhesion.
The panel surface must be in total contact with the support (avoid formation of air bubbles between the product and the support).

STORAGE

Maximum 6 months, away from direct light, in a cool, dry place (between 10 and 25°C).

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TECHNICAL DATA SHEET

REV.2 21/05/2024

VIBRAGEL POLYMER

DESCRIPTION

Flexible viscoelastic sound-proofing sheets used for reducing air-propagated noise and for dampening impact noise and vibrations. They capture part of the energy and transform it into heat through internal friction processes. This results in a significant reduction in radiated noise as well as the partial or total elimination of the metallic character of support resonance.

FIELD OF APPLICATION

These sheets are particularly suitable for applications requiring malleability: they can adhere to flat, slightly ribbed or curved surfaces.

- metal parts in motor vehicles,
- air conditioning equipment,
- household appliances, metal furniture,
- elevator cabins,
- machines and machinery of various kinds.

COMPOSITION

- Panel: flexible calendered compound based on bitumen, SBS, variable grain size mineral fillers;
- Upper face: acrylic self-adhesive protected by silicone paper;
- Lower face: smooth surface, treated with release agent.

CHARACTERISTICS

- Thickness: 2.0 or 4.0 mm
- Adhesive instant tack (ASTM D 3121 25°C): < 7 cm
- Burning rate (UNI ISO 3795): v = 0 mm/min (class: self-extinguishing)
- Vertical flammability (UL94): V2 class
- Flexibility (spindle 20 mm): T ≥ -10°C
- Working temperature: -20 to +80°C
- Mass: 3 to 10 Kg/m^2

APPLICATION

The product must be applied after conditioning at room temperature.
The application surface must be dry, clean, free from oil, grease, dust or other impurities.
Apply at 20-25°C for maximum adhesion.
The panel surface must be in total contact with the support (avoid formation of air bubbles between the product and the support).

STORAGE

Maximum 6 months, away from direct light, in a cool, dry place (between 10 and 25°C).

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