

TECSOUND BAND

TNVED 6806900000



DESCRIPTION

Tecsound Band is a thin and elastic self-adhesive mineral-based high-mass band ensuring good soundproofing of different building constructions elements. The face side of the membrane has a self-adhesive layer for proper fixation with different metal frame structures.

COMPOSITION

- natural calcium carbonate polymorph (natural aragonite);
- highly filled polymers;
- organic oils.

MODIFICATIONS

| Modifications | Length, mm | Width, mm | Thickness, mm | Roll Area, m ² | Surface Density, kg/m ² |
|------------------|------------|-----------|---------------|---------------------------|------------------------------------|
| Tecsound Band 50 | 6 000 | 50 | 2,5 | 0,3 | 5 |

SPECIFICATIONS

| Parameter | Test Method | Tecsound |
|--|-------------|-----------------|
| Density, kg/m ³ | - | 2,010 |
| Longitudinal Strength, H/50mm ² | NT-67 | >30 |
| Elongation, % | NT-67 | >500 |
| Low-Temperature Flexibility, °C | NT 1109 | -20 |
| Tensile Strength, H/50mm | NT 12310-1 | 153 - 235 |
| Water Vapour Diffusion Resistance Factor | UNE-EN 1931 | $\mu \geq 1806$ |
| Water Absorption (24 h at 23°C), % | ISO 62 | 0,03 |
| Shore A Hardness | NT 74 | 30 \pm 10 |
| Fire Hazard Class | - | KM1 |

APPLICATION

Absorbing of vibration generated by sound waves in sheathed frame structures of walls by adhering on elements of metal profiles contacting with load-bearing structures (walls, ceiling, floor). The product can be used as vibration dampening covers for any metal units: tables, industrial fans, metal racks, light industry equipment.

FEATURES

- high efficiency (owing to its properties: density, viscoelasticity, and high mass)
- flexural properties of the band allow to decrease reverberation of materials which the membranes conjugate to;
- quick and easy to lay on any surfaces;
- recommended for use in residential and commercial construction.

CERTIFICATES

1. Fire Safety Certificate. Fire Hazard Class: KM1.
2. Expert Opinion of Hygiene and Epidemiology Centre.
3. Acoustic Test Certificate.

PACKAGING AND TRANSPORTATION

| Modifications | Package | No. of Rolls per Briquette, pcs | Briquette Area, m ² | Briquette Weight, kg | Briquette Volume, m ³ |
|------------------|-----------|---------------------------------|--------------------------------|----------------------|----------------------------------|
| Tecsound Band 50 | briquette | 6 | 1,8 | 8,5 | 0,006 |

The product is delivered in briquettes packed in shrink bundling film. One briquette contains 6 rolls with cardboard tubes inside. The products shall be stored in original packages away from sources of heat and UV radiation in a dry place at max. 35°C.