

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 ± 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.