

TECSOUND

TNVED 6806900000

DESCRIPTION

Tecsound is a thin and elastic mineral high-density membrane ensuring good soundproofing effect for different elements of building constructions. The face side of the membrane is made of non-woven fabric which improves mechanical performance and protective properties of the membrane.

COMPOSITION

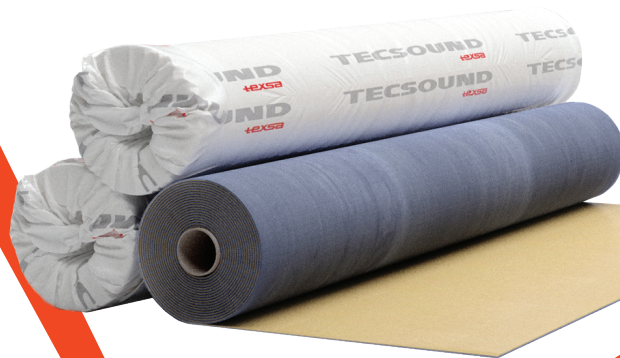
- natural calcium carbonate polymorph (natural aragonite);
- highly filled polymers;
- organic oils;
- non-woven fabric “spunbond”.

MODIFICATIONS

Modifications	Length, m	Width, m	Thickness, mm	Roll Area, m ²	Surface Density, kg/m ²	Airborne Noise Isolation Index, Rw
Tecsound 35	8	1,22	1,8	9,76	3,5	24
Tecsound 50	6	1,22	2,6	7,32	5	26
Tecsound 70	5	1,22	3,7	6,1	7	28

SPECIFICATIONS

Parameter	Test Method	Tecsound
Density, kg/m ³	-	1 900
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



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APPLICATION

- additional acoustic insulation in sheathed frame structures of walls, partitions and ceilings. GKLZ AcousticGyps sheets are recommended to be used as finishing;
- covering for floor soundproofing during floating screed mounting and as an underlayer for floor topping;
- soundproofing of production and industrial rooms (cabins, workshops, hangars);
- soundproofing of metal doors;
- niches and boxes for acoustic equipment.

FEATURES

- high efficiency (owing to its properties: density, viscoelasticity, and high mass);
- flexural properties of membranes allow to decrease reverberation of materials which the membranes conjugate to;
- maximum efficiency without any loss of usable space;
- ease of installation 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	No. of Rolls per Pallet, pcs	Pallet Area, m ²	Pallet Weight, kg	No. of Pallets per Euro Trailer, pcs	Area in Trailer, m ²
Tecsound 35	24	234,24	819,84	20	4684,8
Tecsound 50	24	175,68	898,4	20	3513,6
Tecsound 70	24	146,4	1044,8	20	2928

The products shall be stored on pallets horizontally. Placement of pallets on one another is not allowed.
The products are delivered in 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.