



TECSOUND 2FT

TNVED 6806900000

DESCRIPTION

Tecsound 2FT is a combination of heavy viscoelastic mineral membrane Tecsound inserted between two porous felt layers. The product, apart from Tecsound FT modification, has higher sound absorption coefficient owing to Tecsound membrane layer ensuring good airborne sound insulation within audible frequency range. The product is recommended for use in places where it is required to achieve maximum noise reduction values. Suitable for use in suspended ceiling, wall, and floor constructions.

COMPOSITION

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

MODIFICATIONS

Modifications	Length, m	Width, m	Thickness, mm	Roll Area, m ²	Surface Density, kg/m ²
Tecsound 2FT 80	5,5	1,2	24	6,6	8,2

SPECIFICATIONS

Parameter	Test Method	Tecsound	Felt
Density, kg/m ³	-	2 010	60
Low-Temperature Flexibility, 0C	EN 1109	-20	
Longitudinal Strength, H/50mm ²	NT-67	>30	
Compressive Strength, KPa	ISO 3386-1:1986 Adm 2010	0.06 (10% deformation) 6 (25% deformation)	
Thermal Conductivity Coefficient, W/(m °C)	UNE-EN 12667	-	0.037 W/(m °C)
Tensile Strength (nail), H/50mm	EN 12310-1	-	-
Fire Hazard Class		KM1	KM4



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APPLICATION

- double-layered separating partitions made of foamed concrete blocks or bricks;
- mountable sheathed frame and frameless structures of walls (trunking walls);
- suspended and stretch ceilings;
- acoustic insulation of communication rooms, generator houses, boiler rooms, etc.
- vehicle cabs, bodies;
- production and industrial rooms (workshops, hangars);
- industrial equipment;
- metal doors;
- niches and boxes for professional acoustic equipment.

FEATURES

- versatile material combining the following properties: soundproofing, noise abatement, vibration cushioning;
- high efficiency (owing to its properties: density, viscoelasticity, and high mass)
- economy of usable floor space;
- life and health friendly (contains no bituminous and EPDM components);
- elasticity retention at -20°C (Tecsound membrane);
- high thermal insulation values.

CERTIFICATES

1. Fire Safety Certificate. Fire Hazard Class: KM4.
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 2FT 80	6	39,6	324,72	40	1584

The products shall be stored horizontally on pallets. 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.