



Tecsound **2FT**

80



TECSOUND® 2FT is a soundproofing complex comprising two porous felts with the polymer-based Tecsound synthetic membrane, asphalt-free, sandwiched in between, so that they provide excellent acoustic insulation in the different construction elements: walls, ceilings, roofs, etc.

Properties

- High acoustic insulation, combined with flexion-pliable elements (sheet plaster, carrier board).
- Easy handling and application.
- Joins easy to execute.
- Excellent ageing-resistance.
- Rot-proof.
- Self-extinguishing.
- Hot and cold-resistant.



Applications

Soundproofing of horizontal (ceilings) and vertical enclosures, where excellent acoustic insulation against transmission of airborne noise is required.

- Specially recommended in partition walls.
- Airborne noise insulation in vertical surfaces.
- Airborne noise insulation in ceilings.
- Reduction of impact noise level in all types of frameworks applied underneath.

Its main applications include new construction and restoration works, industries, cinemas, theatres, sports complexes, night clubs, bars, restaurants, hotels, shopping centers...



Technical Data

Test	Value
Density (TECSOUND membrane)	2,0 g/cm ³
Pliability (UEAtc)	Does not break when bent at -20 °C
Tensile Strength (UNE 104-281/6.6)	> 30 N/cm ² (Tecsound)
K - Coefficient of thermal conductivity	0,037 W/m °C (felt)
Fire Classification (felt)	M1
Acoustic Properties	See system DS – Acoustic Manual

Instructions for use

Support: Admits all habitual types of construction supports. The support must be even, clean, dry and preferably plastered. If the plaster coat is old, its condition should be checked to prevent problems with adherence of the TECSOUND 2FT to it.

Fitting:

Adhesive gluing: Apply adhesive to the support and the panel on the felt side. Leave adhesive to dry for 15-20 minutes (following manufacturer instructions). Line the Tecsound 2FT up with the support along the felt side and fit in place.

Mechanically fix: Apply mechanical fixations to consolidate Tecsound 2FT to support. The density of fixations can vary from 4 f/m² for walls and 5 fix/m² for ceilings.

Overlaps: The panel has a 5 cm overlap on two consecutive sides. The overlaps should be sealed with hot air or using the adhesive. The precaution of sealing the joints correctly should always be taken, as small openings can considerably reduce the acoustic insulation effect.

Presentation and storage

Type	(Kg/m ²)	Thickness (mm)	Presentation	Nº rolls/ pal*
Tecsound 2FT 80	8,2	24	5,5 x 1,2 m (rlx)	6 rlx, soit 39,6 m ²

It should be stored in a dry place, protected against the elements, and not exposed to temperatures over 35 °C.

The maximum recommended storage time is one year.

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TEXSA, S.A. reserves the right to modify the data herein without previous notice and refuses all responsibility in the event of irregularities caused by incorrect use of the product. Values reflected in the technical data sheet correspond to average values obtained from tests carried out in our laboratory

