

TECSOUND® 2FT

TECSOUND 2FT is a soundproofing complex made up of the polymer-based, asphalt-free Tecsound synthetic membrane sandwiched between two porous felt mats, both formed in such a way as to offer excellent acoustic insulation in different building elements: walls, ceilings, roofs, etc.

ADVANTAGES

- High acoustic insulation, combined with soft, flexible elements (plasterboard, wood, conglomerate).
- Flexible.
- Easy to handle and adaptable to uneven surfaces.
- Easy to cut with a knife or scissors
- Cold- and heat-resistance.
- Excellent ageing resistance
- Rotproof.



APPLICATION

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

- Specially recommended in partition walls.
- Soundproofing against airborne noise in vertical surfaces.
- Soundproofing against airborne noise in ceilings.
- Reduction of impact noise level in all types of floors, applied underneath the flooring.

Its main applications cover new jobs and refurbishing work, industry, cinemas, theatres, sports complexes, discos, bars, restaurants, hotels, shopping centres, etc.

REGULATIONS

- In accordance with the following norms: CTE-DB-HR, EN ISO 140-1, EN ISO 140-3, EN ISO 140-6, EN ISO 140-8, EN 20140-2 and EN ISO 717/1/2.
- Quality System in accordance with ISO:9001

Acoustic Insulation Tecsound®

TEXSA SYSTEMS SLU reserves the right to modify the information contained herein without prior notice and declines all liability in cases of errors produced due to inappropriate use of the product. The values shown in the technical sheet are the mean values from tests in our lab.

INSTALLATION

Substrate: TECSOUND[®] lends itself to all types of normal building substrates (renderings, gypsum board, metal, DM, plastic materials). The substrate must be even, smooth, clean and dry. It must also be free from elements that could damage the membrane. If the rendering is old, its condition must be checked to avoid adherence problems of the TECSOUND 2FT o the rendering.

Installation of the membrane: prior to installing the membrane, contact adhesive must be applied to both substrate and soundproofing complex, and left to dry according to the instructions of the adhesive manufacturer before bonding the two surfaces. Pressure must be exerted on all the points to ensure correct adherence.

The product could be installed mechanically fastened. The number of fixings is 5 units/m². Fasteners made of plastic or pvc must be used.

Laps: Overlap 5 cm. both vertically and horizontally. Care must be taken to always seal the laps correctly, as small openings can reduce the level of acoustic insulation required. In case of installing the product butt joint then Tecsound S Band 50 must be used to seal the joint.



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PACKAGING AND STORAGE

| | TECSOUND® 2FT80 |
|-----------------|-----------------|
| Weight (Kg/m2) | 8.2 |
| Thickness (mm.) | 24 |
| Length (m.) | 5.50 |
| Width (m.) | 1.20 |
| m2/pallet | 39.6 |

Storage: Horizontal in pallets, without stacking. Product supplied in rolls with carton core inside. Store it into the original packaging, in dry conditions and protected from hot temperatures and UV radiation, not exposed to temperatures higher than 35 °C. The maximum period of storage is 1 year.

TECHNICAL PROPERTIES

| CHARACTERISTICS | Unit | Test method | TECSOUND® 2FT |
|----------------------|--------|-------------|---------------|
| Density (Tecsound) | Kg/m3 | - | 2000 |
| Density (felt) | Kg/m3 | - | 60 |
| Plegability | °C | UEAtc | -20 °C |
| Thermal conductivity | W/m °C | - | 0.037 |

Acoustic properties: See manual

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