

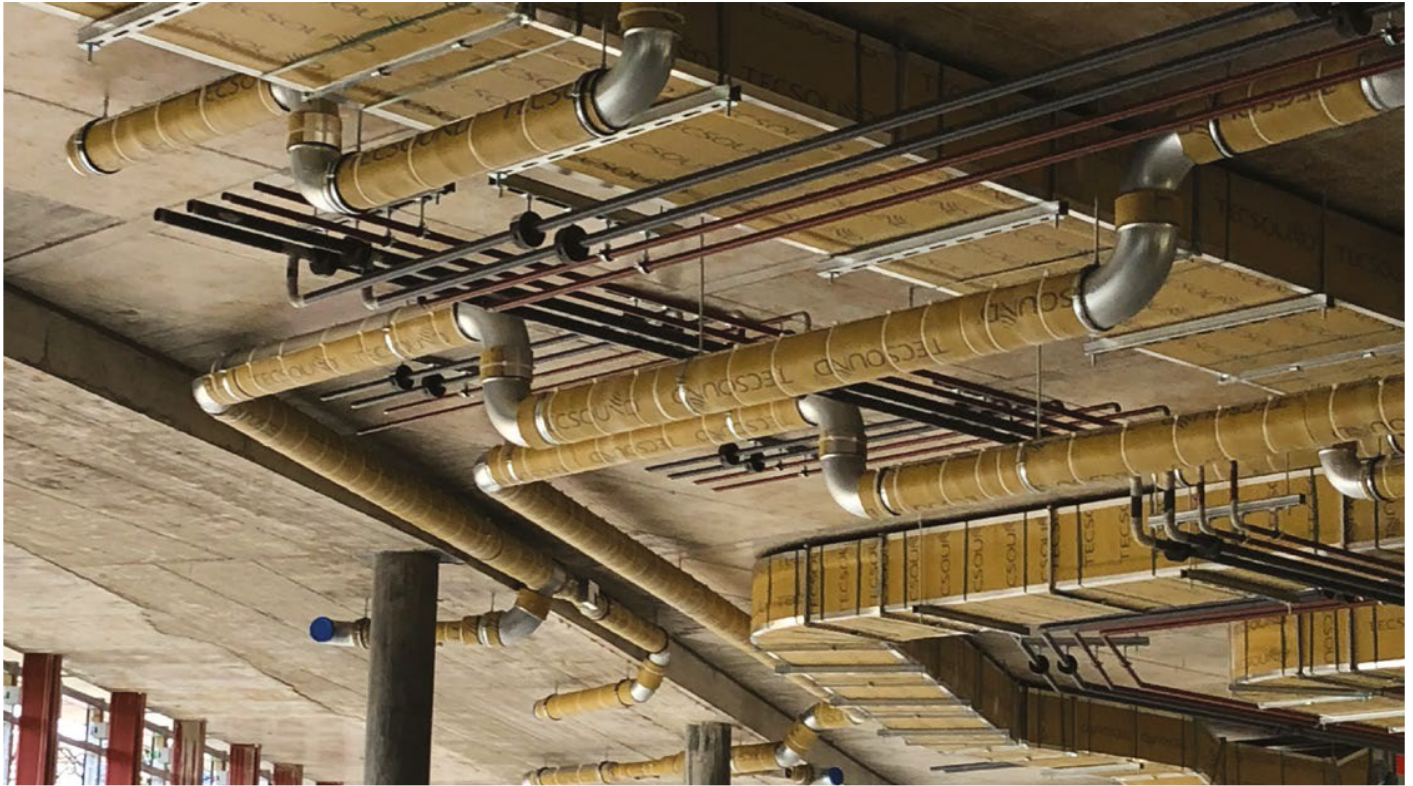
Tecsound® FT

Soundproofing membrane

Technical Data Sheet



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Description.

TECSOUND® FT is a mass loaded barrier designed for soundproofing of larger diameter pipes, and vertical surfaces.

Application.

- New construction, refurbishment work, apartments, cinemas, theatres, sports complexes, night clubs, bars, restaurants, hotels, shopping centres.
- Residential or commercial buildings where liquids are moved via pipes through walls or floor/ceiling voids
- Soundproofing of all types of pipes and ducts: PVC, metal.
- Airborne noise insulation in ceilings and vertical surfaces

Composition.

TECSOUND® FT is a soundproofing combination made from a porous felt bonded to a Tecsound membrane.

Benefits.

- Low thickness assists installation.
- Suitable for new and refurbishment projects
- Does not crack or break at low temperatures.
- Excellent aging resistance.
- Easy to handle, cut and apply.
- Easy installation directly on larger diameter pipes and ducting.
- High performance for reduction of airborne and impact noise.

Acoustic Performance: FT55

| Characteristics | | Value | |
|--|--------|--------|--------|
| Flow | 0.5l/s | 1.0l/s | 2.0l/s |
| Acoustic insulation: Insertion loss of airborne noise ($IL_{a,A}$): | 13 | 13 | 14 |
| Frequency (Hz) | | dB | |
| 125 | 3.1 | -1.1 | 4.2 |
| 250 | -0.8 | -0.9 | 0.0 |
| 500 | -2.4 | -2.6 | -1.3 |
| 1000 | 11.9 | 11.0 | 11.5 |
| 2000 | 14.5 | 14.1 | 15.0 |
| 4000 | 17.8 | 17.4 | 18.9 |

Product Specifications:

| Tecsound | FT 40 | FT 55* | FT 75 |
|-----------------------------|------------|------------|------------|
| Thickness | 12 | 12.5 | 14 |
| Weight (kg/m ²) | 4.1 | 5.6 | 7.6 |
| Roll dimensions | 6.0 x 1.2m | 5.5 x 1.2m | 5.5 x 1.2m |
| m ² /roll | 7.2 | 6.6 | 6.6 |
| Roll/pallet | 12 | 12 | 12 |
| m ² /pallet | 86.4 | 79.2 | 79.2 |

* FT 55 ex-stock. Others to indent only, lead times apply.

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Technical Specifications:

NZ Building Code:

Clause B2—durability, 15 years.

Operating Service Temperature:

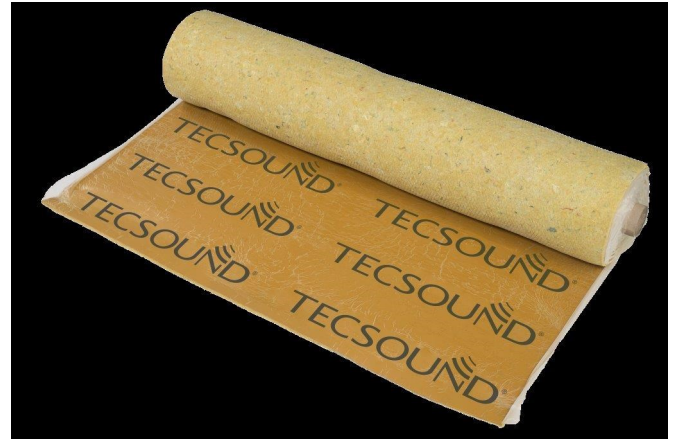
-10 up to 60°C.

Storage & Handling:

TECSOUND FT should be stored horizontal on pallets, without stacking. Product supplied in rolls with carton core inside. Store it in the original packaging, in dry conditions, well ventilated and protected from hot temperatures and UV radiation, not exposed to temperatures higher than 35 °C. The maximum period of storage is 1 year.

Warranty:

15 year limited warranty against manufacturing defects.



Accessory:

Tecsound® S50 Band 50

Tecsound S band is a synthetic tape made of Tecsound membrane, with a built-in adhesive layer enabling it to be applied over joints and overlaps. It is also used straight on to metal framing in plasterboard partitions subject to vibrations.



| Tecsound® | S50 Band 50 |
|-----------------|-----------------------|
| Thickness (mm) | 2.5 |
| Roll dimensions | 6.0m x 50mm |
| Surface density | 5.0 kg/m ² |

Installation:

Shall not commence until the building is water tight and dry. Application temperature shall be between 5—35°C. Prior to installation, contact adhesive must be applied to both the substrate and the Tecsound FT.

Leave to dry per adhesive manufactures instructions before bonding the two surfaces.

Pressure must be applied on all areas to ensure correct adherence.

Where large areas are covered, overlap 5cm both lengthwise and crosswise.

If the membrane cannot be overlapped, use the self adhesive S50 Band 50 to seal butt joints.

Specification:

Acoustic attenuation shall be Tecsound FT sound attenuation membrane as supplied by Asona Ltd Auckland NZ Tel: +64(0)9 525 6575 info@asona.co.nz. Membrane shall be FT (), ()mm thick, () kg/m².

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*All dimensions are nominal. We reserve the right to change specifications.
Ref. Tecsound FT-22-10