

High Performance Acoustic Insulation Range



PRODUCT DESCRIPTION

FT 75 is a soundproofing composite made up of the polymer-based, asphalt-free synthetic acoustic 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.

PROPERTIES

High acoustic insulation, combined with soft, flexible elements (plasterboard, wood conglomerate).

- Easy handling and application.
- Easy overlapping.
- Cold- and heat-resistance.
- Self-extinguishing.
- Excellent ageing resistance.
- Rotproof

PACKAGING AND STORAGE

The product is supplied in two types of superficial density:

| Type | kg/m ² | Thickness (mm) | Packaging | Units per pallet* |
|--------------|-------------------|----------------|---------------------------|------------------------------------|
| FT 40 | 4.1 | 12 | 6 x 1.05-m rolls | 6 rolls (36 m ²) |
| FT 75 | 7.6 | 14 | 5.5 x 1.05-m rolls | 6 rolls (34.7m²) |

*This surface corresponds to the true surface applied, given the 5-cm overlap. The product must be stored in dry premises, protected against weathering, during a maximum period of one year.

TECHNICAL DATA

| Test | Value |
|------------------------------------|-----------------------------------|
| Tensile strength (UNE 104-281/6.6) | > 30 N/cm ² (Membrane) |
| Thermal conductivity coefficient | 0.037 W/m.°C (felt) |
| Fire resistance | Self-extinguishing |

USES

- 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.
- For further information see examples in systems sheets.

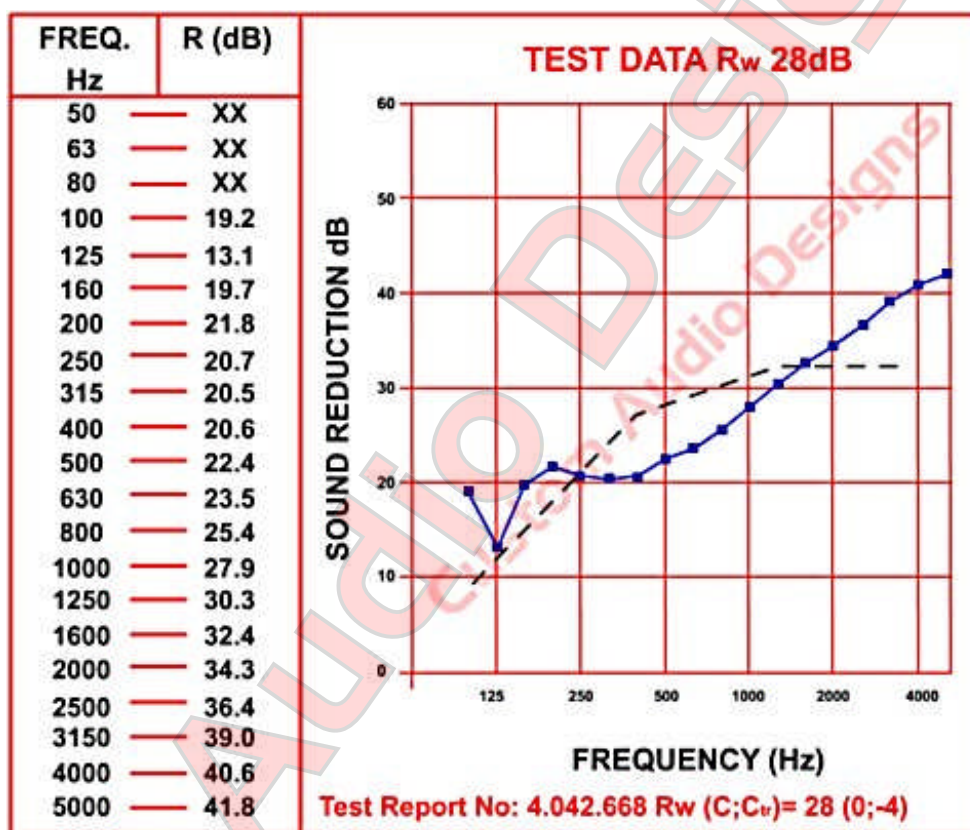
INSTRUCTIONS FOR USE

Installation of the membrane: Prior to installation of the membrane on the substrate, STAPUT spray adhesive must be applied to both the substrate and the complex, allowing it to go tacky before applying the membrane. Align the FT 75 complex on the substrate, and install.

Laps: Overlap 5 cm both vertically and horizontally. Care must be taken to always seal the laps correctly, either with adhesive or hot air, as small openings can considerably reduce the level of acoustic insulation required.

SUPPORT

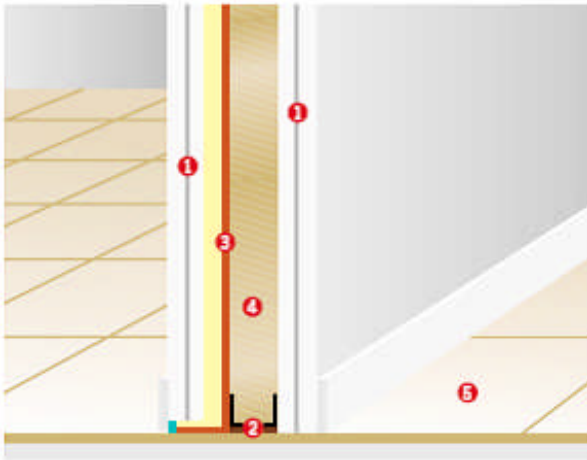
FT 75 lends itself to all types of normal building substrates. The substrate must be even, clean and dry, and preferably rendered. If the rendering is old, its condition must be checked to avoid adherence problems of FT 75 to the rendering.



Rw 53 INTERNAL PARTITION SOLUTION

Interior Partition comprising a 50mm central stud frame, acoustic mineral wool infill, FT 40 composite fixed to one face with 2 layers of 12.5mm plasterboard fixed either side of the frame.

The system below was tested with the lighter 4kg/m² composite. Performance would be improved by around 3dB using the 7.5kg/m² material.



1. 2 layers of 12.5mm plasterboard
2. Neoprene isolation tape around perimeter of frame
3. FT 40 or FT 75
4. 50mm thick 60kg/m³ Acoustic mineral wool
5. Flooring

TEST DATA

