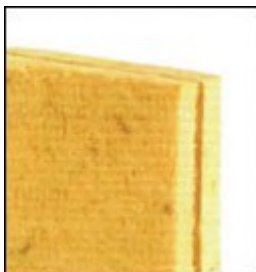


## High Performance Acoustic Insulation Range



### PRODUCT DESCRIPTION

**2 FT 45 / 80** 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 <sup>2</sup>	Thickness (mm)	Packaging	Units per pallet*
2 FT 45	4.7	22	6 x 1.05m rolls	6 rolls (36 m <sup>2</sup> )
2 FT 80	8.2	24	5.5 x 1.2m rolls	6 rolls (34.7m <sup>2</sup> )

\*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 <sup>2</sup> (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 behind stud walls.
- Soundproofing against airborne noise.
- Reduction of impact noise level in all types of floors, applied underneath the flooring.

For further information on systems contact us.

## INSTRUCTIONS FOR USE

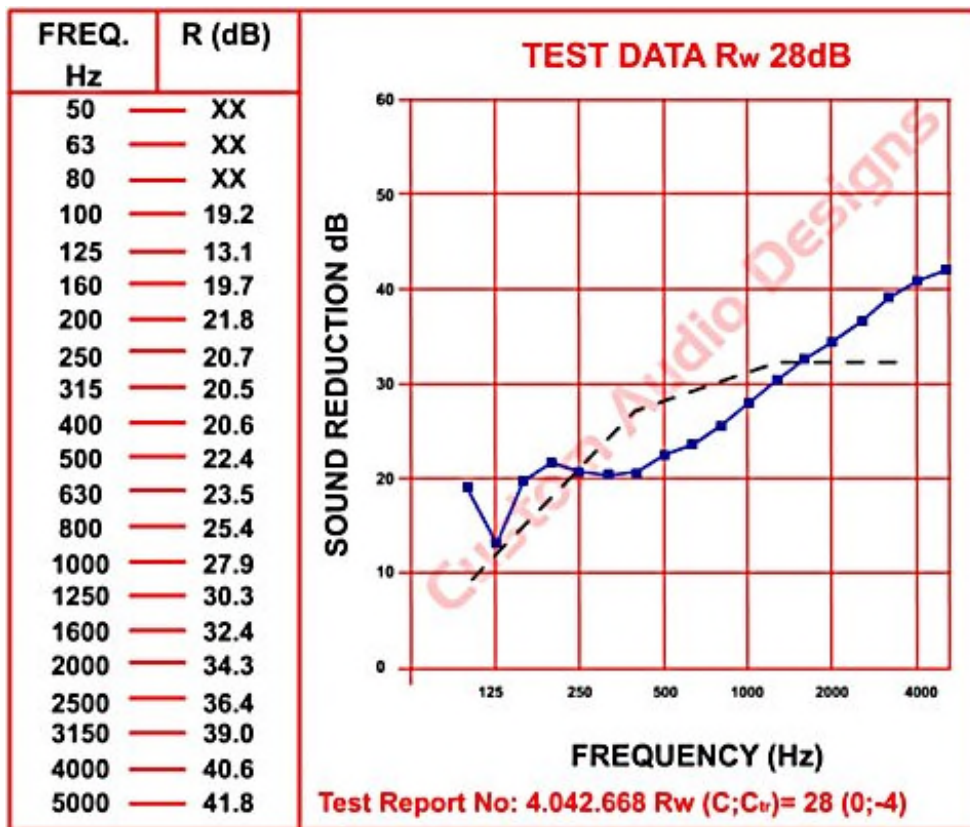
This material can be fixed over a framework with the membrane side against the frame and felt side against the plasterboards. This can be achieved with industrial staples or round headed nails. The material can be lapped around the edges so that the plasterboard can be sat on the material for isolation purposes thus isolating the plasterboard from touching the floor, walls and ceiling.

## OVERLAPS

The rolls have a 50mm overlap on two consecutive sides. The overlaps should be sealed with our spray adhesive and tape.

## SUPPORT

2FT lends itself to all types of normal building substrates. The substrate must be even, clean and dry, and preferably plastered. If the plaster is old, its condition must be checked to avoid adherence problems of 2FT to the plaster.



2FT45 is also an ideal material for closing plenum cavities above partition walls to dramatically reduce noise transfer. Especially suited to lightweight suspended ceilings where the partitions do not go completely up to the structural ceiling soffit.

Using 2 separate layers of 2FT45 with a 50mm airgap between will significantly reduce the crosstalk noise between adjacent rooms.

If the ceiling hangers can take the extra weight then additional mineral wool can be placed behind the tiles for further absorption.

Approx. 4 plastic rosettes per sq.m. (along with our spray adhesive) should be used when fixing the 2FT45 / 2FT80 to walls or ceilings.

