

Tecsound 100

Product Data Sheet



Installation

Substrate and/or ambient temperature: min. +5 °C to max. +35 °C. The substrate must be dry, clean, free from dust and free from elements that could damage the membrane.

TECSOUND is mainly applied between two plasterboard panels in lightweight walls (partition walls, retention walls,...) and ceilings. The membrane is mechanically fastened to the first plasterboard to which the second plasterboard is attached. The membrane can also be glued. To prevent thickening, the membrane is placed without overlap (only butt joint). Care must be taken to ensure that the seams fit tightly and that there are no openings.

TECSOUND can also be used in lightweight roofs. Install the membrane with the fleece finish on top and an overlap of at least 50 mm. In the case of profiled steel deck, the membrane must be placed transversely to the profile. Make sure that there are no openings as these will have a negative effect on the noise reduction capacity. Contact the manufacturer in case of technical questions.

Description

Tecsound 100 is a visco-elastic membrane used to attenuate airborne and vibration. It can be used within a wide variety of applications on walls, floors, ceilings, metal roofs, steel decking. It is Bitumen-free and is finished on one face with a non-woven poly propylene fleece

The product is supplied on a roll with cardboard core and individual protective cover. Store the rolls horizontally on pallets in its original packaging, protected from moisture, sunlight and heat at a temperature of max. +35 °C. Do not stack the pallets on top of each other. The rolls have a shelf life of 1 year. In cold periods, installation can be facilitated by allowing the product to stand at +2 °C for at least 5 hours before use.

Dimensions

Property	Tecsound 100
Mass (Kg/m ²)	10 Kg/m ²
Thickness (mm)	5mm
Length (m)	4m
Width (m)	1.2m
m ² /roll	4.8m
Rolls/pallet	21
m ² /pallet	100
Density(Kg/m ³)	2010 Kg/m ³

Performance

Property	Tecsound 100
dB reduction	Rw = 31dB Reduction hung as a curtain.
Service temperature	-10°C - 70°C
Fire Rating	Euroclass C, s2, d2.
Tensile Strength	30 N/cm ²

Features and Benefits

- Suitable for reducing both airborne and vibration on a large array of surfaces.
- Very flexible and malleable material.
- Mould moisture and fungus resistant.
- Easy to mould into tight spaces.

Hygiene, Health and Environment

The product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety requirements.