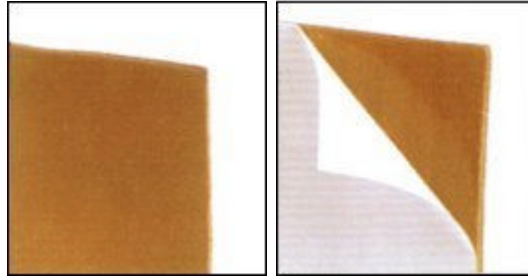


T50/T60 Range High Performance Soundproofing Membranes



T50 High Performance Acoustic Membrane Range

PRODUCT DESCRIPTION

T50, TS60, SY60 and TY50 are a polymer-based, asphalt-free, high density synthetic soundproofing membrane, that offers good acoustic insulation in different building elements. It has extremely high visco-elasticity as well as being extremely flexible even in cold temperatures. Available in plain (T50) or peel of self-adhesive backed rolls (TS60), extra wide rolls (TY50) and extra wide adhesive backed rolls (SY60).

PROPERTIES

- $R_w > 25\text{dB}$ for a single layer (test certificate available on request) and around 32dB for a 10kg/m² double layer.
- High acoustic insulation especially when combined with lightweight panels and boards.
- Class0 fire rated (Euroclass B, s2, d0).
- Highly flexible, great elongation capacity
- Easy handling and adaptable to uneven surfaces.
- Cold and heat resistant.
- Excellent ageing resistance.
- Rotproof.

• Fire Performance

Euroclass B, s2, d0 in accordance with EN 13823 (Class0 UK equivalent).

- **B - Contribution to combustion is very limited. Demonstrated that the fire is not propagated beyond the strict area in which it has been applied.**
- **s2 - Average amount and speed of emission of smoke.**
- **d0 - No flammable drops or particles are produced.**

This classification places the T range at the forefront of soundproofing membranes in terms of fire resistance. It is the first soundproofing membrane on the market to receive Euroclass Certification. To give you an idea of how good this is, Euroclass Standards above B (A1 and A2) can only be awarded to incombustible materials. Materials between Euroclass A and B can be considered the safest in case of fire, whilst those of level C and below can begin to be considered dangerous.

Worthy of note is that the tests were carried out directly on the product with no incombustible protection such as laminated plasterboard or metal plate and, on the self adhesive version, which makes the result all the more significant!

PACKAGING AND STORAGE

Type	kg/m ²	Thickness (mm)	Packaging	Units per pallet
T50	6	2.6	6 x 1.05m rolls	24 rolls (151m ²)
TS60	6	3.1	6 x 1m rolls	24 rolls (144m ²)
Y50	6	3.1	5.05 x 1.22m rolls	24 rolls (147m ²)
SY60	6	3.1	5.05 x 1.22m rolls	24 rolls (147m ²)
Please Note: 1m ² of material covers approx. 0.9m ² allowing for overlaps				
STRIP-50	5	2.6	6.05m x 50mm wide rolls	12 rolls per box
STRIP-70	5	2.6	6.05m x 70mm wide rolls	8 rolls per box

TECHNICAL DATA

Test	Value
Density	1.9g/cm ³ (+/-0.05)
Pliability (UEAtc)	Does not break when bent at -20°C
Elongation (UNE 104-281/6.6)	300%
Crushing strength	4.84kg/cm ²
Fire resistance	Class0 (Euroclass B, s2, d0)
Acoustic performance	See system data sheets

APPLICATIONS:

- Soundproofing against airborne noise in vertical walls with low surface density (lightweight partition walls or boards made of different materials).
 - Soundproofing against airborne noise in ceilings.
 - Reduction of impact noise level in all types of floors, sandwiched between floor slabs and loose-laid flooring.
 - Damping of impact noise caused by atmospheric agents on metal decks.
 - Combined with sound-absorbent materials, it offers products with high acoustic performance.
 - Its applications in the industrial field cover from the soundproofing of booths to the acoustic insulation of machine-rooms, gutter pipes, sound-damping of metal sheets, etc.
- For further information see examples in systems sheets

Test Certificate Number: 4.042.669

