

# PRODUCT CATALOGUE

## SOPREMA TECSOUND

 [fibreglasswool.com](http://fibreglasswool.com)



**TECSOUND®** is a high-density, highly viscoelastic synthetic soundproofing membrane that offers excellent levels of acoustic insulation in traditional constructions, while hardly affecting the system's thickness. It is highly flexible and easily extendable, which means it can be adapted to any shape or surface and fit easily with complicated joints and layouts.



## **BENEFITS:**

- Insulation throughout the whole frequency range Fire classification: Euroclass, B, s2, d0.
- Low thickness
- Does not absorb water and acts as a vapor barrier
- Easy and quick application
- Cold pliability -20 °C.
- Compatible with any kind of thermal insulation material

# TECSOUND

<b>SPECIFICATION</b>	<b>35</b>	<b>50</b>	<b>70</b>	<b>100</b>
<b>Weight (Kg/m<sup>2</sup>)</b>	3.5	5	7	10
<b>Thickness (mm.)</b>	1.75	2.5	3.5	5
<b>Length (m.)</b>	8	6	5	4
<b>Width (m.)</b>	1.22	1.22	1.22	1.2
<b>m<sup>2</sup>/roll</b>	9.76	7.32	6.10	4.8
<b>Roll / pallet</b>	24	24	24	21
<b>m<sup>2</sup> / pallet</b>	234.24	175.68	146.4	100.8

## APPLICATIONS:

- Soundproofing against airborne noise in ceilings and lightweight roofs.
- 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.

## ACOUSTIC DATA APPLIED PRODUCT:


FREQUENCY (Hz)	R with TECSOUND	R without TECSOUND	Ut
125	23,7	16,4	dB
250	24,2	15,3	dB
500	29,2	23,2	dB
1000	35,4	25	dB
2000	43,4	30,3	dB
4000	54,6	39,7	dB

# TECHNICAL SPECIFICATIONS:

Specifications	Test method	TECSOUND	Unit
Density	-	2.010	Kg/m <sup>3</sup>
Tensile strength	NT-67	>30	N/50mm
Elongation	NT-67	> 500	%
Cold flexibility	EN 1109	-20	°C
Tear Strength (nail)	EN 12310-1	153-235	N/50 mm
Fire class	UNE-EN 13501-1	Bs2d0	-
Vapour water resistant factor	UNE-EN 1931 met B	$\mu \geq 1806$	-
Water absorption (24h a 23°C)	ISO 62 met 1	0,003	%
Shore hardness A	NT 74	30 $\pm$ 10	-

# COMPLETE INSULATION SOLUTIONS



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