

INSOPLAST[®]

INSOPLAST[®] is a flexible, high density elastomeric bitumen based reinforced membrane. Good acoustic insulation and excellent vibration reducer.

ADVANTAGES

- Increases the mass of lightened and rigid facings such as plasterboard / laminate boards, sheets or wood, achieving greater acoustic performance.
- Improves insulation at low frequencies and resonance of rigid materials.
- Fiberglass reinforced, easy application with fixings.
- Easy to handle and cut.
- Does not absorb water.
- Rotproof.



APPLICATIONS

- Soundproofing against airborne noise in plaster board walls .
- Soundproofing against airborne noise in plaster board ceiling.
- Combined with sound-absorbent materials, it offers products with high acoustic performance.

STANDARD

- Under conformity of EN ISO 140-1, EN ISO 140-3, EN ISO 140-6, EN ISO 140-8, EN ISO 10140 y EN ISO 717/1/2.
- Quality Management System under ISO 9001.

ACOUSTIC INSULATION

SOPREMA reserves the right to modify the data herein without previous notice and refuses all responsibility in the event of irregularities caused by incorrect use of the product. Values reflected in the technical data sheet correspond to average values obtained from tests carried out in our laboratory

INSTALLATION

SUBSTRATE:

- The substrate must be even, smooth, clean and dry. It must also be free from elements that could damage the membrane. If the rendering is old, its condition must be checked to avoid adherence problems of the **INSOPLAST** sheet to the rendering.

INSTALLATION OF THE MEMBRANE:

- prior to installing the membrane, an adhesive must be applied to both substrate and membrane, and left to dry according to the instructions of the adhesive manufacturer before bonding the two surfaces. Pressure must be exerted on all the points to ensure correct adherence.
- It could be installed mechanically fastened. The number of fixings will depend on the product, the support and the system where the membrane will be applied.

JOINTS:

- Place the membranes butt-joint and staggered, respect to the applied gypsum boards, taking care to ensure that there are no small openings that may reduce the level of sound insulation to be achieved.



PRECAUTIONS

- Make sure the support is free of moisture before placing the membrane.
- Check that the joints are properly sealed and that there are no openings, as small openings can reduce the level of sound insulation to be achieved..

PACKAGING AND STORAGE

	INSOPLAST 3	INSOPLAST 6
Weight (Kg/m ²)	3,0	6,0
Thickness (mm)	2	4
Length (m)	14 (± 1%)	7 (± 1%)
Width (m)	1,0	1,0
Roll / palette	27	27
Storage	Vertical. Store it into the original packaging, in dry conditions and protected from hot temperatures and UV radiation The maximum period of storage is 2 year	

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THECNICAL PROPERTIES

CARACTERISTIQUES	INSOPLAST 3	INSOPLAST 6	Unit
Tensile strength (SL)	≥300	≥350	N/5cm
Tensile strength (ST)	≥250	≥250	N/5cm
Work temperature	-5/90	-5/90	°C
Fire class	F	F	Euroclass

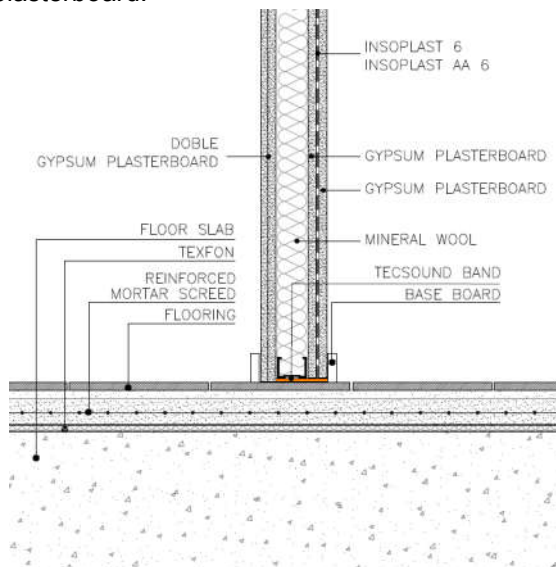
ACOUSTIC VALUES OF THE INSTALLED PRODUCT

SYSTEM PI(b)-1

Partition wall consisting of 12,5 mm plasterboard, soundproofing **TECSOUND S50 BAND 50**, **INSOPLAST 6** soundproofing, MINERAL WOOL soundproofing and 12,5 mm plasterboard.

FREQUENCY (Hz)	R with INSOPLAST	R without INSOPLAST	Ud
125	35	22,5	dB
250	46	40,5	dB
500	56	52,0	dB
1000	62	57,0	dB
2000	64	52,4	dB
4000	65	47,6	dB
Global index of weighted acoustic reduction A, R_A	51	44	dBA
Global index of acoustic reduction, R_w	55	47,6	dB

Data according to the test of acoustic air noise insulation under UNE EN ISO 140-3:1995 standard by approved laboratory SRL (UK).



(*) Consult our Acoustic Insulation Systems brochure or contact our Technical Department to know about other systems



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