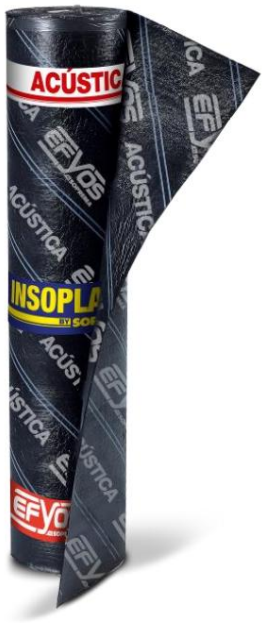
INSOPLAST®

INSOPLAST® is an elastomeric, reinforced, flexible and high-density bitumen-based acoustic membrane for acoustic insulation against airborne noise.

ADVANTAGE

• Increases the mass of light and rigid walls such as plasterboard, sheet metal or wood, achieving greater acoustic performance.

Improves isolation at low frequencies and resonance of rigid materials.
• Reinforced with fiberglass, facilitates installation with bindings. •
Easy to handle and cut. • Does not absorb water. • Imputrescible.



APP

• Airborne noise insulation in partition walls and plasterboard linings. • Airborne noise insulation in plasterboard ceiling • Combination with sound-absorbing materials for acoustic insulation in cavities

REGULATORY

• In accordance with the CTE-DB-HR standard, EN ISO 140-1, EN ISO 140-3, EN ISO 140-6, EN ISO 140-8 and EN ISO 717/1/2. • Quality System according to ISO: 9001 • Environmental management system of

according to ISO:14001

SOPREMA GROUP c/ Ferro 7, Pol. Ind. Can Pelegrí 08755 Castellbisbal-Barcelona (+34) 93 635 14 00

SETTING UP

SUPPORT:

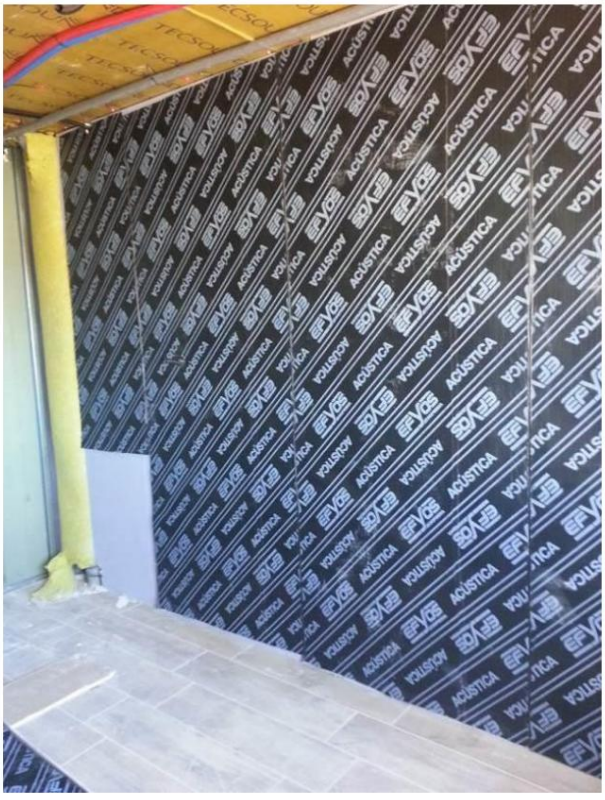
- The support must be regular, smooth, clean and dry.
  It must also be clean of sharp elements or others that may damage the sheet.

INSTALLATION OF THE SHEET: •

Contact adhesive will be applied to the sheet and to the support according to the manufacturer's instructions. Next, the sheet will be placed on the support, pressing at all its points to avoid the formation of air bubbles and ensure proper adherence. It also admits its mechanically fixed installation by means of stapling or similar.

JOINTS: •

The different sections of sheet will be placed end to end, each other already breaking together with the layer of laminated plasterboard placed, with the precaution of ensuring that there are no small openings that could reduce the level of acoustic insulation that is desired to be achieved .



PRECAUTIONS

• Check that the support is free of sharp elements that could damage the sheet.

• Check that the joints are correctly sealed and that there are no openings, since small openings can reduce the level of acoustic insulation that is desired to be achieved.

PRESENTATION AND STORAGE

	INSOPLAST 3	**INSOPLAST 6**
Weight (Kg/m2)	3,0	6,0
Thickness (mm)	2	4
Length (m.)	14	7
Width (m.)	1,0	1,0
rolls/pallet	27	27
Storage	Vertical. Store in the original packaging, in a dry place and protected from the elements. Maximum storage time: 2 years.	

TECHNICAL CHARACTERISTICS

FEATURES	**INSOPLAST** 3	**INSOPLAST** 6	**Unit**
Tensile Strength (SL)	ÿ300	ÿ350	N/5cm
Tensile strength (ST)	ÿ250	280 a 250	N/5cm
Work temperature	-5/90	-5/90	C
Reaction to fire	F	F	Euroclase

ACOUSTIC DATA APPLIED PRODUCT

PI(b)-1 SYSTEM Separation

partition made of 12.5 mm Plasterboard, **TECSOUND S50 BAND 50** acoustic insulation , **INSOPLAST** 6 acoustic insulation, Mineral Wool and 12.5 mm Plasterboard.

FREQUENCIES (Hz)	**R con INSOPLAST**	**R's INSOPLAST** 22,5	**Out**
125	35	40,5 52,0	dB
250	46	57,0	dB
500	56		dB
1000	62		dB
2000	64	52,4	dB
4000	65	47,6	dB
Global A-weighted acoustic reduction index, **RA** Global acoustic reduction index **Rw**	**51**	**44**	dBA
Data according to airborne noise acoustic insulation test according to UNE EN ISO 10140-2:2011 by an APPLUS	**55**	**47,6**	dB
approved laboratory *(*) For other systems, see the Insulation Systems manual Acoustic or consult with Technical Dept.*