SILENTPLUS RUBBER

Type of material: Soundproofing barrier layer coupled with a flexible elastomeric foam (FEF).

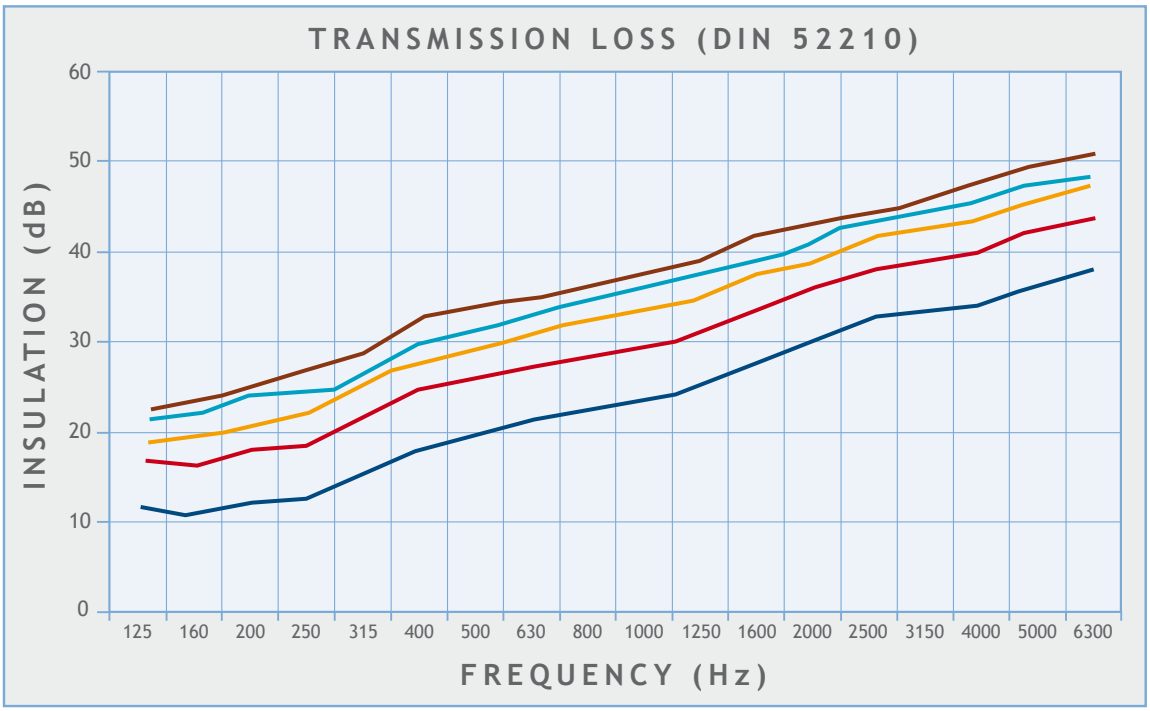
Product range: Sheets in rolls with dimensions of 1x2 m (see the specific composition).

Fields of applications: Acoustic insulation of walls, floors and ceilings; enclosures for motors and air-conditionig equipment; acoustic insulation of water pipes, drains and heating & plumbing services in commercial, industrial and domestic applications.

Specific composition: Compound composed of elastomeric high-density barrier, available in thickness form 1 to 5mm, covered on one or both sides, by a 10mm expanded elastomeric foam made of FEF, available also in different thicknesses.

PHYSICAL PROPERTIES	RESULT OBTAINED			TEST METHOD
		2 mm high density layer	5 mm high density layer	
Operating temperature range		from -45 °C to +110 °C		
Weight		approx. 4 kg/m²	approx. 10 kg/m²	ASTM D 1662
Measurement of noise from waste water installations Reduction of air-borne sound transmission Structure-borne sound level	Flow rate 0,5l/s 1l/s 2l/s Flow rate 0,5l/s 1l/s 2l/s	dB(A) 12 12 10,5 dB(A) 15,5 16,5 18,4	dB(A) 16 15,5 14 dB(A) 14,7 16,4 18	UNI EN 14366
Sound reduction index R_W		26 dB (0; -3)		EN ISO 140-3 - UNI EN ISO 717-1
Hardness*		80 ± 10 Shore A		ASTM D 2240 / UNI EN ISO 868 / DIN 53505
Tensile strength*		> 1 N/mm²		ASTM D 412 / DIN 53504 / UNI 6065
Elongation at break*		> 20 %		ASTM D 412 / DIN 53504 / UNI 6065
Fire performance European standard		D-s2,d0		EN 13501 - 1
Antimicrobical behaviour		Excellent		–

*Data refer exclusively to the 2 mm high density layer.



For information regarding the chemical resistance of the product please consult the specific technical documentation.
All the normatives quoted in this document are updated to the latest issued version.
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