

SONOPANEL L



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SONOPANEL- L is the "light" version of the "X" panels with a core of PU bonded recycled rubber called Rugran. Despite the weight reduction of roughly 5 kg/m² SONOPANEL- L provides an excellent result. The Rugran rubber/PU matting is a composition of polyurethane bonded recycled rubber and has a density of roughly 650 kg/m³. Its flexibility provide a diminished vibration radiation of the sandwich panel.

SONOPANEL- L sheets guarantee excellent airborne sound insulation.
The panels are made in standard sizes as well as special structures.
Contruction is also possible with poplar ply instead of okoumé.

Our sound insulating sandwich panels are used in motor and sailing yachts, buses and coaches, houses, offices, theatres and soundproof enclosures.

Construction	Frequency							Rw (ISO 717)
	125	250	500	1K	2K	4K	Hz	
6 - 4 - 6	17,4	22,9	27,1	32,6	35,9	33,2	dB	32 dB
6 - 6 - 6	18,8	23,3	28,5	33,7	36,8	35,8	dB	32 dB
8 - 6 - 8	19,4	24,9	29,4	34,9	37,5	30,6	dB	32 dB

Structure L:

Sonopanel L (rubber/pu)
Core 650 KG/m³

11 mm	4 - 4 - 4	app. 6,6	KG/m ²	23 mm	10 - 4 - 10	app. 12,6	KG/m ²
13 mm	5 - 4 - 5	app. 7,6	KG/m ²	17 mm	6 - 6 - 6*	app. 9,9	KG/m ²
15 mm	6 - 4 - 6*	app. 8,6	KG/m ²	21 mm	8 - 6 - 8*	app. 11,9	KG/m ²
19 mm	8 - 4 - 8	app. 10,6	KG/m ²	25 mm	10 - 6 - 10	app. 13,9	KG/m ²
				29 mm	12 - 6 - 12	app. 15,9	KG/m ²