

SONOPANEL X



Sonopanel X

SONOPANEL X distinguishes itself by the outstanding insulation value in the 125 Hz band. The R_w value is equal to the values of BARYFLOOR X. The core of this panel is made from a heavy rubber matting.

This heavy matting has an outstanding airborne sound insulation value and its anti-drumming properties add to a diminished radiation of the sandwich panel. The core matting has a density of 2,400 kg/m³.

SONOPANEL X panels provide excellent sound insulation.

The panels are made in standard sizes as well as special structures.

Construction is also possible with poplar ply instead of okoumé.

Construction	Frequency							R_w (ISO 717)
	125	250	500	1K	2K	4K	Hz	
6 - 3,5 - 6	20,7	26,4	30,6	35,7	36,8	32,7	dB	34 dB
8 - 6.0 - 8	26,9	27,5	33,2	38,7	37,6	37,8	dB	36 dB

Structure X:

Sonopanel X (heavy plactis matting)

Core 2400 KG/m³

11 mm	4 - 3 / 5 - 4	app.	12 KG/m ²	17 mm	6 - 6 - 6*	app.	20 KG/m ²
13 mm	5 - 3 / 5 - 5	app.	13 KG/m ²	21 mm	8 - 6 - 8*	app.	22 KG/m ²
15 mm	6 - 3 / 5 - 6	app.	14 KG/m ²	25 mm	10 - 6 - 10*	app.	24 KG/m ²
19 mm	8 - 3 / 5 - 8*	app.	16 KG/m ²	29 mm	12 - 6 - 12*	app.	26 KG/m ²
23 mm	10 - 3 / 5 - 10*	app.	18 KG/m ²				