

SANDWICH PANEL

Isofloor™

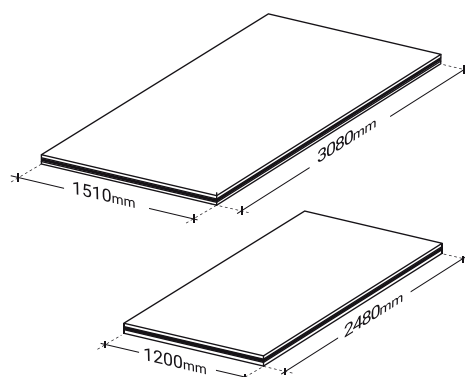
The solution designed for an effective acoustic isolation of walking surfaces and floors of leisure boats and mega yachts.

Sizes 3080 x 1510 mm
2480 x 1200 mm

Weight from 11,4 kg/m²

Glueing Class 3
Melamine adhesive E05

NAF glueing upon request*



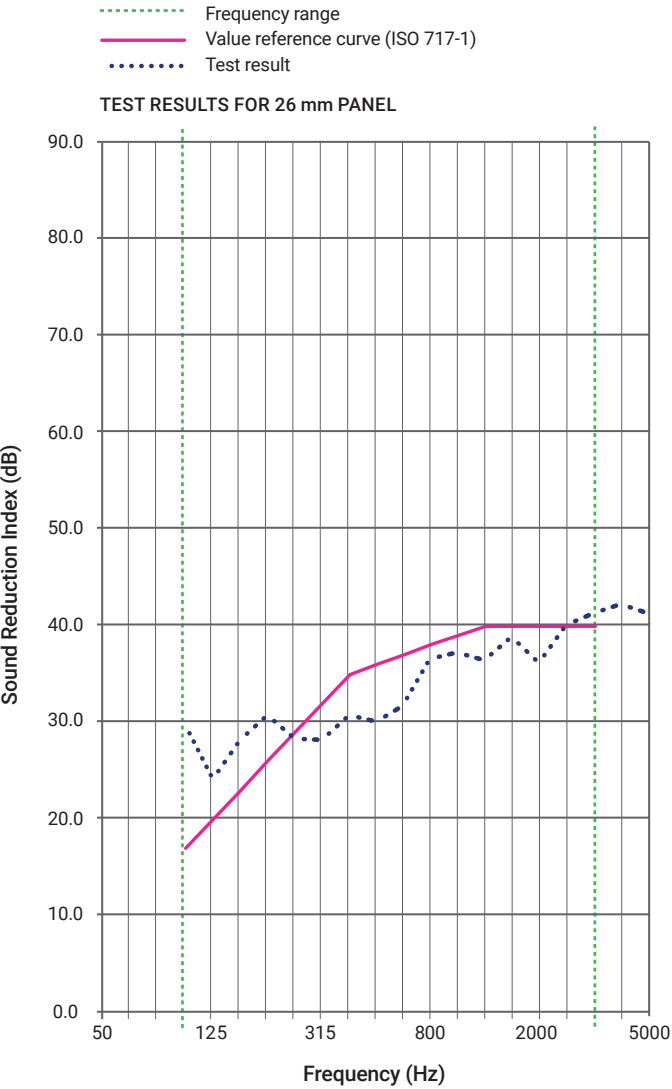
*Formaldehyde-free adhesive ensuring emission levels significantly below standard requirements.

TECHNICAL SPECIFICATIONS OF ISOFLOOR™

Thickness	Configuration	Bending Strength		Bending Modulus		Thermal conductivity	Sound reduction index	Weight
mm	mm	N/mm ²		N/mm ²		W/m ² °k	db	kg/m ²
		Long Grain	Cross Grain	Long Grain	Cross Grain			
12	3+3+3+3	3050	2400	42	40	11,8	32,5	11,4
14	4+3+4+3	2950	2350	40	38	10,1	33	12,3
16	5+3+5+3	2700	2100	38	35	8,82	34	13,3
18	6+3+6+3	2650	2000	35	30	7,84	34,5	14,3
22	8+3+8+3	2200	1600	34	25	6,4	35,5	16,2
26	10+3+10+3					5,41	36	18,1
30	12+3+12+3					4,69	37	20,0

Dimensional tolerances comply with the requirements of standard EN 315. Customized thicknesses and configurations upon request.

SOUND INSULATION



Sound reduction index
Thickness 26 mm
Rw = dB
36

Frequency Hz	R 1/3 Octave db
50	0.0
63	0.0
80	0.0
100	29.7
125	24.1
160	28.2
200	30.8
250	28.3
315	28.2
400	30.8
500	30.1
630	31.7
800	36.6
1000	37.2
1250	36.4
1600	38.8
2000	36.2
2500	40.1
3150	41.3
4000	42.3
5000	41.3