

SANDWICH PANEL

Isofloor light™

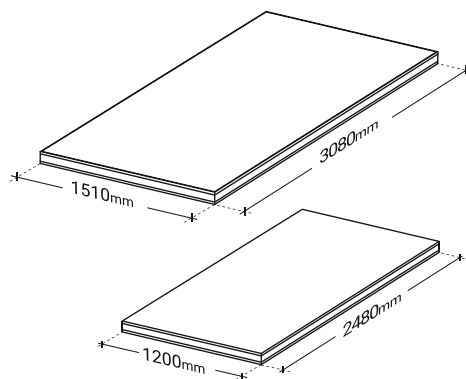
The best sandwich panel for boat soundproofing without compromising on light weight.

Size 3080 x 1510 mm
2480 x 1200 mm

Weight from 9,6 kg/m²

Glueing Class 3
Melamine adhesive E05

NAF glueing upon request*



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

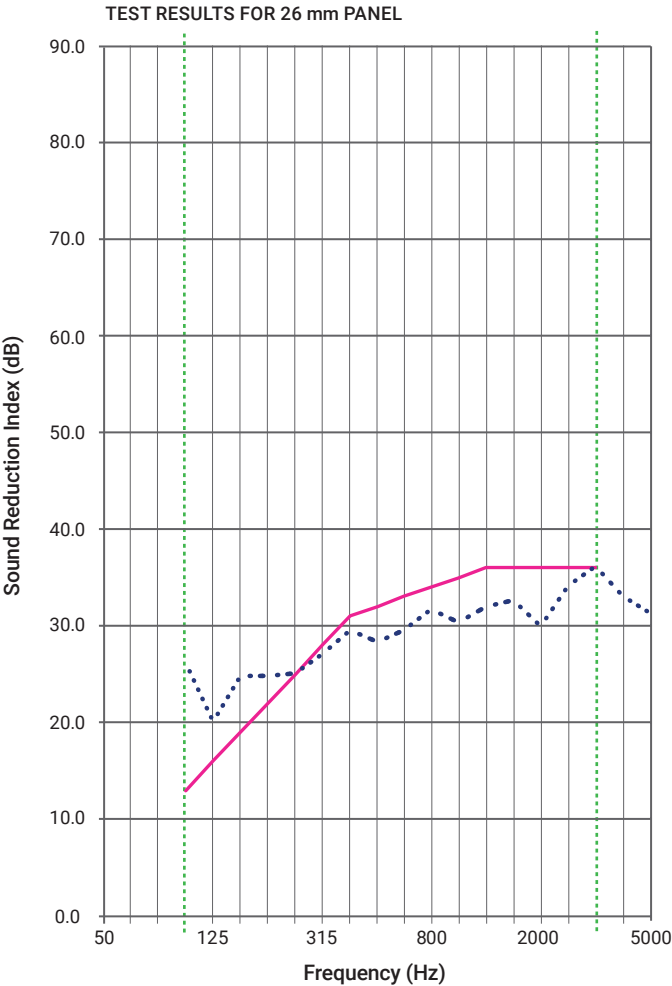
TECHNICAL SPECIFICATIONS OF ISOFLOR LIGHT™

Thickness	Configuration	Bending Strength		Bending Modulus		Thermal conductivity	Sound reduction index	Weight
mm	mm	N/mm²		N/mm²		W/m² °k	db	kg/m²
		Long Grain	Cross Grain	Long Grain	Cross Grain			
19	3+10+3+3	2100	1350	20	13	2,42	30,5	10,1
21	4+10+4+3	1635	1290	15,1	10,5	2,34	31,5	11,1
23	4+12+4+3	1600	1250	15	10	2,02	32	11,3
24	3+15+3+3	1200	1000	15	10	1,72	31	10,5
26	4+15+4+3	1820	1360	15,2	10,5	2,02	32	11,5
29	3+20+3+3					1,72	30,5	10,9
30	6+15+6+3					1,68	33,5	13,5
31	4+20+4+3					1,34	32	11,9
34	8+15+8+3					1,6	35	15,5
35	10+12+10+3					1,70	36	16,7
39	8+20+8+3					1,22	35,4	15,8
43	10+20+10+3					1,18	36	17,9
53	10+30+10+3					0,85	36	18,7

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

SOUND INSULATION

- Frequency range
- Value reference curve (ISO 717-1)
- Test result



Frequency Hz	R 1/3 Octave db
50	0.0
63	0.0
80	0.0
100	26.2
125	20.1
160	24.8
200	24.8
250	25.1
315	27.1
400	29.6
500	28.3
630	29.5
800	31.7
1000	30.3
1250	32.0
1600	32.6
2000	29.9
2500	34.2
3150	36.2
4000	33.1
5000	31.3



Sound reduction index

Thickness 26 mm

Rw = dB

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