SIFARPHON

Composition

3-layer composite panel consisting of two outer layers of marine plywood (on specific request with RINA approval) and a centre core of cork-rubber, 3 mm thick.
The cork-rubber has a specific gravity of 900/1020 kg/m³, but it is also available in a light version with a specific gravity of 650/900 kg/m³.
The panel can also be constructed with 3.6-mm and 6.5-mm "ultra heavy" rubber, with a specific gravity of 8 kg/m² and 14 kg/m², respectively.

Applications and Use

Projects that require a high level of mechanical performance and a high level of acoustic insulation performance.

Gluing

According to the UNI-EN 314-2 standards Class 3

Dimensions

2490x1210 mm
3090x1520 mm

Technical features

- *Good acoustic insulation*
- *Practical and easy to work*

	EN	Unit	Value					
Panel thickness	315	Mm	**9**	**11**	**13**	**15**	**19**	**23**
External face thickness	315	Mm	3	4	5	6	8	10
Cork-rubber thickness		Mm	3	3	3	3	3	3
Cork-rubber weight		kg/m³	900 kg/m³					
Panel weight	315	kg/m²	5.8	6.75	7.65	8.6	10.35	12.3
Longitudinal bending resistance	310	Mpa	n.d	n.d	29.6	34.2	39.5	42.05
Transverse bending resistance	310	Mpa	n.d	n.d	19.8	23.4	27.5	29.8
Longitudinal elastic modulus	310	Mpa	n.d	n.d	2200	2950	3130	3300
Transverse elastic modulus	310	Mpa	n.d	n.d	1250	1480	2030	2180
Soundproofing power	ISO717	dB	n.d	30	n.d	31	32	n.d

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This technical data is purely indicative. The purchaser is responsible for verifying the adequacy of the panels for their intended use.

*Other thicknesses, dimensions and **different compositions** can be supplied upon specific request.*

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