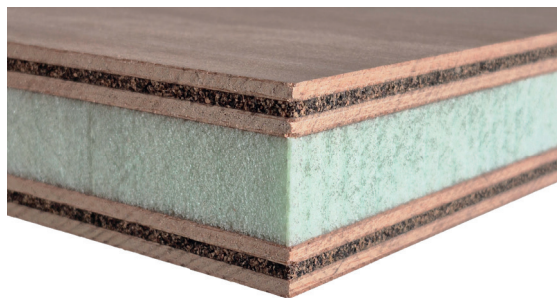


AIRPLY® SUPER SOUND

DESCRIPTION



This premium solution combines the AIRPLY® SOUND* with an additional PET core (22 or 30 mm). The result: first-class sound insulation, low weight and excellent thermal insulation – ideal for demanding applications in yacht building.

* With marine plywood (4mm) on the outside and a cork core (3mm) on the inside, this panel offers excellent acoustic absorption. Perfect for areas where quiet and comfort on board are essential.

SIZES

PART NUMBER	110435	110479
Standard size in mm	2500 x 1220	
Total thickness in mm	44	52
Okoumé plywood (Surface) thickness in mm	4+4	
Cork (Core) thickness in mm	3+3	
Okoumé plywood (Core) thickness in mm	4+4	
PET (Core) thickness in mm	22	30
Weight kg/panel	44,4	46,5
Weight kg m ³	331	293

BONDING (EN636-3)

plywood:



STANDARD

panel:

water-resistant
bonding



FORMALDEHYDE RELEASE

TECHNICAL DATA - EXAMPLE 110435

TYPE	STANDARD	UNIT	LONG GRAIN	CROSS GRAIN
Bending E-Modul	DIN EN 310	N/mm ²	1740	1800
Bending strength	DIN EN 310	N/mm ²	15,4	7,95
Fmax	DIN EN 310	N	1100	570
Sound insulation index	ISO 10140-2 Rw according to ISO 717-1	dB	Rw = 30,3	
Thermal Resistance (R-Value)	UNI EN 12667:2002	m ² K/W	0,840	
Screw extraction	DIN EN 320	N	660*	

* 2,7 mm pre-drilled; screw-in depth 15 mm

LIABILITY DISCLAIMER: The test specimens used to determine the mechanical properties were taken from series production and tested in accordance with the specified standard. The information in the data sheet is based on our current knowledge and experience. No express or tacit guarantee can be derived from this. It is the responsibility of the user to determine the suitability of the information and products for his intended use.