

Lightweight composite panel having great mechanical performance.
 It features an excellent durability and high compressive strength.
 The PET insert ensure for an optimal performance when testing the Axial Withdrawal of Screws strength.
 Outer faces are made of Marine Okoumé Plywood.
 Panels can be supplied with several surface finishing like veneering by natural or reconstituted wood as well as bonded to HPL sheets.
 Processing cycle ensure for lower than E1-EN 13986 Formaldehyde Emission.
 Product entirely manufactured in Italy



Property	Standard	Unit of Measure	Values		
Nominal Thickness	[]	mm	16	18	23
Composition	[]	mm	3-10-3	4-10-4	4-15-4
Surface Weight	[]	kg/m ²	4,54	5,54	6,09
Okoumé Plywood Bonding Quality	EN 314-2	Class	3	3	3
Bending Strength Long-Grain	EN 310	MPa	20,5	17	-
Bending Strength Cross-Grain	EN 310	MPa	17	21,8	-
E-Modulus Long-Grain	EN 310	MPa	2180	2027	-
E-Modulus Cross-Grain	EN 310	MPa	2060	2850	-
Resistance to axial Withdrawal of Screws	EN 320	N	450	740	-
Thermal Transmittance	UNI EN ISO 6946	W/(m ² -K)	2,8	2,7	1,9
STANDARD SIZES (*)	[]	mm	2420x1200		

(*) Special Sizes can be evaluated on demand

APPLICATIONS

Typical end-use of LARIMAR[®] PET is the production of Furnishings when weight reduction is highly demanded



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