

AIRPLY® PET POPLAR

DESCRIPTION



- / AIRPLY® PET is a composite panel made of a face of poplar plywood and a core of recycled PET (density 85).
- / It is produced using premium quality plywood manufactured by Panguaneta.



This panel composition ensures durability and moisture resistance. AIRPLY® PET is suitable where lightweight and structural strength are required. The mechanical properties are very similar to solid wood but more stable and more durable. This product range is created for high-end mechanical applications.

SIZES

PART NUMBER	110399	110403	110607	110608	110612	110564
Standard size in mm	2500 x 1220					
Total thickness in mm	16	19	21	23	26	28
PET thickness in mm	10	13	15	17	20	22
poplar plywood thickness in mm	3 + 3					
Weight kg/panel	10,6	11,6	12,1	12,6	13,4	13,9
Weight kg m ³	231	200	189	180	169	163

BONDING (EN636-3)



STANDARD

Adhesive: Dispersion adhesives + hardener

FORMALDEHYDE RELEASE



TECHNICAL DATA - EXAMPLE 110403

TYPE	STANDARD	UNIT	LONG GRAIN	CROSS GRAIN
Bending E-Modul	DIN EN 310	N/mm ²	1870	1770
Bending strength	DIN EN 310	N/mm ²	15,9	14,7
Fmax	DIN EN 310	N	489	453
Screw extraction	DIN EN 320	N	240*	

* 2.7 mm pre-drilled; screw-in depth 15 mm

Test reports for sound absorption, impedance and thermal resistance certified by Lapi Laboratory - Italy.

This product is entirely of European manufacture

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.