

AIRPLY® XPS POPLAR

DESCRIPTION



- / AIRPLY® XPS is a composite panel made of a face of poplar plywood and a core of XPS.
- / It is produced using premium quality plywood manufactured by Panguaneta.



One of the most outstanding features of AIRPLY® XPS is its remarkable weight. With a weight saving of over 45 % compared to conventional plywood panels*, AIRPLY® can make a decisive contribution to the lightweight construction of furniture components.

* With a 15 mm thick board and 2 mm thick plywood deck compared to Ilomba poplar plywood.

SIZES

PART NUMBER	110568	110565	110566	110609	110610	110567
Standard size in mm	2500 x 1220					
Total thickness in mm	12	15	18	22	25	28
XPS thickness in mm	5	8	11	15	18	21
poplar plywood thickness in mm	3,5 + 3,5					
Weight kg/panel	10,2	10,6	10,9	11,4	11,8	12,2
Weight kg m ³	279	231	199	170	155	142

BONDING (EN636-3)



STANDARD

Adhesive: Dispersion adhesives + hardener

FORMALDEHYDE RELEASE



TECHNICAL DATA - 110566

TYPE	STANDARD	UNIT	LONG GRAIN	CROSS GRAIN
Bending E-Modul	DIN EN 310	N/mm ²	1480	1110
Bending strength	DIN EN 310	N/mm ²	9,42	7,56
Fmax	DIN EN 310	N	314	252
Screw extraction	DIN EN 320	N	187*	

* 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.