



The mark of responsible forestry

Paged BirchPly FR

(fire retardant hardwood plywood for walls and ceilings)

Fire retardant hardwood plywood with special veneer construction, fire proofed with an innovative immersion method which provides for the highest fire rating for wood based panels in construction and rolling stock industries. BirchPly FR is used as a construction element in accordance with CE1 (walls and ceilings) as well as HL3 in R1 class for rolling stock manufacturing.

KEY FEATURES:

- Main application areas include: construction industry (schools, hotels, commercial buildings, etc.); rolling stock manufacturing (trams, trains, metros) and transportation (buses, coaches)
- Special construction
- Innovative fire impregnation method
- Highest fire classification for wood products
- Made in the EU from sustainably sourced wood

STANDARD SIZES [mm] 1250/1500x2500
1500x3000**

*Other formats available on request
**Format available for 12-24mm thickness

DIMENSIONAL DEVIATION AS PER EN 315 & EN 324

Length/Width	Deviation
< 1000 mm	± 1 mm
1000 – 2000 mm	± 2 mm
> 2000 mm	± 3 mm

STRAIGHTNESS AND SQUARENESS DEVIATION AS PER EN 315 & EN 324

	Deviation
Straightness	± 0,1% or ± 1mm/m
Squareness	± 0,1% or ± 1mm/m

NOMINAL THICKNESS WITH STANDARD DEVIATION, NUMBER OF PLYS, DENSITY AS PER EN 315, EN 323 & EN 324

Nominal thickness (mm)*	Number of plies (pcs)	Standard deviation (mm)	Weight (kg/m2)	Density (kg/m3)
12	9	-0,8	+0,6	8,6
15	11	-0,9	+0,7	10,8
18	13	-0,9	+0,7	13
21	15	-1,0	+0,8	15,1
24	17	-1,1	+0,9	17,2
27	19	-1,8	+1,4	19,4
30	21	-1,9	+1,5	21,6

*Other thicknesses available on request
**As measured at 8-12% nominal thickness

RELEASE OF FORMALDEHYDE (EN 717-1)

½ E1

BONDING QUALITY (EN 314-2)

Class 3

FIRE CLASSIFICATION (EN 13501-1 / EN 45545-2)

B-s1, d0
R1 (HL3)

MACHINING

Edge machining, CNC machining and drilling onrequest

ADDITIONAL INFORMATION

1. General Terms of Sales available from www.sklejkapaged.pl
2. Declaration of Performance available from www.sklejkapaged.pl
3. Hardwood plywood surface norms and film-faced plywood in house norms available from www.sklejkapaged.pl



Our product is made of renewable resource. Our products are characterized by low carbon footprint and are produced from certified wood, thus respecting the natural environment and the local community. The information contained in this document is intended as a guideline only and comes without warranty. We reserve the right to amend product specifications sheets without notice.