



The mark of responsible forestry

Paged BirchPly FRfl

(fire retardant hardwood plywood for flooring applications)

Fire retardant hardwood plywood available raw with surface impregnation or filmed with highdensity phenolic film. It is characterized by high mechanical resistance and load strength and boasts highest fire classification for wood and wood-based panels used in construction and railway industries. Paged BirchPly FRfl plywood is manufactured to highest standards in order to suit its use as a structural component according to CE1 and CE2+ systems (floors) and it meets the highest level of fire classification, i.e. HL3 in R10 class.

KEY FEATURES:

- Main application areas include: construction industry (e.g. schools, hotels, etc.), rolling stock manufacturing, bus manufacturing, etc.
- Surface treated
- Wide range of thicknesses
- 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

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/m ²)	Density avg. (kg/m ³)
9	7	-0,7	+0,5	6,3
12	9	-0,8	+0,6	8,4
15	11	-0,9	+0,7	10,5
18	13	-0,9	+0,7	12,6
21	15	-1,0	+0,8	14,7
24	17	-1,1	+0,9	16,8
27	19	-1,8	+1,4	18,9
30	21	-1,9	+1,5	21
35	25	-1,5	+1,1	24,5
40	27	-1,6	+1,2	28
45	31	-1,8	+1,4	31,5

**Other thicknesses available upon request

** As measured at 8-12% moisture content

35-45mm thicknesses for Bfl-s1 only

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

RELEASE OF FORMALDEHYDE (EN 717-1)

½ E1

BONDING QUALITY (EN 314-2)

Class 3

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

B_{fl}-s1
R10 (HL3)

MACHINING

Edge machining, CNC machining and drilling on request

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 specification sheets without notice.