

Paged BeechPly Phon FR

(fire retardant beech plywood for flooring applications)

Soundproof composite board made of beech plywood and a special 3mm-thick rubber insulating layer. This layer located symmetrically in the center of the board is made of special rubber, which suppresses vibrations and reduces the sound intensity level caused by thermal expansion of metals or rolling friction. Wherever proper sound insulation is needed when it comes to various construction uses in buses and trains, Paged BeechPly Phon FR comes in hand. This product is available in one side film-faced version. It meets the highest level of fire classification - HL3 in class R10.

KEY FEATURES

- Main application areas include bus, rolling stock and heavy-duty transportation vehicles.
- Strong and rigid
- Surface treated
- Easy to machine and fasten
- HL3 fire classification
- 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

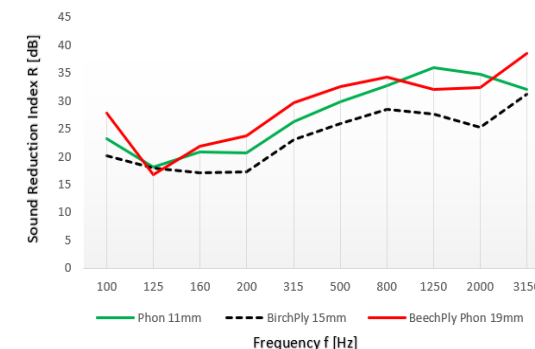
Nominal thickness (mm)*	Number of plies (pcs)	Standard deviation (mm)		Weight (kg/m ²)	Density avg. (kg/m ³)**
15	11	-0,9	+0,7	15,8	1050
18/19	13	-0,9	+0,7	18,1	950
30	19	-1,9	+1,5	27,6	920

**Other thicknesses available upon request

** As measured at 8-12% moisture content

BENDING STRENGTH AND MODULUS OF ELASTICITY AS PER

Nominal thickness (mm)	Bending strength (N/mm ²)		Modulus of elasticity (N/mm ²)	
15	± 58,3	78,6	± 6950	9042
18/19	± 53,3	76,4	± 6506	8661
30	± 53,4	76,7	± 6518	8559



Product	Sound Reduction Index R*
Paged Phon 11mm	32 dB
Paged BirchPly 15mm	27 dB
Paged BeechPly Phon 19mm	33 dB

*The sound reduction index R according to PN-EN ISO 10140-2:2011

RELEASE OF FORMALDEHYDE (EN 717-1)

½ E1

BONDING QUALITY (EN 314-2)

Class 2

FIRE CLASSIFICATION (EN 45545-2)

R10 (HL3)

MACHINING

Edge machining, CNC machining and drilling on request

ADDITIONAL INFORMATION

1. General Terms of Sales available from www.sklejkapaged.pl
2. 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.



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