



English version/1st of December 2020

Solid wood paneling and cladding - fire treated

BestNoFire
The Best in Fire Protection

Declaration of Performance (DoP)

Reference: 2412-CPR-1024 - in compliance with EU Regulation 305/2011/EU

Product type:	Solid wood paneling and cladding. EN 14915:2013
Manufacture:	Burnshield OÜ, Farmi tee 3, Koigi, Järvamaa, 72501, Estonia
Production Site:	Farmi tee 3, Koigi, Järvamaa, 72501, Estonia
Notified certification body & AVCP system:	2412-CPR-1024
Declared performances	In accordance with EN 14915:2013 with reference to Certificate of Performance 2412-CPR-1024

Species	Nominal density range kg/m ³	Thickness (mm)	Average dry- uptake kg/m ³	Reaction to fire (Euroclass)	Thermal conduct. (W/m.K) (EN 14915/5.6/table 4)	Intended use -- see note*
Thermo Ayous	400-700	15	30-58	B-s1,d0	0,11-0,18	2*
Thermo Ayous	270-375	15 ≥ 15	50,4	B-s1,d0 B-s2,d0	0,15-0,24	1*
Thermo Ash	650	≥ 21,5	48	B-s1,d0	0,15-0,18	2*
Thermo Ash	617	15 ≥ 15	51,4	B-s1,d0 B-s2,d0	0,15-0,18	1*
Thermo Pine	432	15 ≥ 15	50	B-s1,d0 B-s2,d0	0,11-0,13	1*
Thermo D-Pine	350-550	≥ 19	31-52	B-s1,d0	0,09-0,15	3*
Cedar	350-450	≥ 12,5	38	B-s2,d0	0,09-0,13	2*
Cedar	316-494	15 ≥ 15	38	B-s1,d0 B-s2,d0	0,09-0,13	1*



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Pine	500	≥ 21	38	B-s1,d0	0,11-0,13	2*
Pine	430	15 ≥ 15	40	B-s1,d0 B-s2,d0	0,11-0,13	1*
Spruce	450	≥ 21	35-39	B-s1,d0	0,11-0,13	2*
Spruce	355-536	15 ≥ 15	38	B-s1,d0 B-s2,d0	0,09-0,15	1*
Oak	500-750	≥ 20	16,0	B-s1,d0	0,13-0,24	2*
Larch	650-750	≥ 21,5	36,5	B-s1,d0	0,15-0,24	2*
Accoya	500-550	≥ 19	78,0	B-s1,d0	0,13-0,15	2*

The performances of the products above are in consistency with the declared performance. This declaration of performance is in compliance with the EU regulation 305/2011 on the sole responsibility of the manufacturer mentioned above.

Description	Intended use
1*	This classification is valid for the following intended use: Fixed mechanically to the substrate. Substrate: Classes A1 and A2-s1,d0, ≥ 12mm thickness, density ≥ 525 kg/m ³ . With a ventilated or non-ventilated air gap between product and substrate or with no air gap. <i>Fire classification for nominal thickness 15 mm = B-s1, d0</i> <i>Fire classification for nominal thickness > 15 mm = B-s2,d0</i>
2*	This classification is valid for the following intended use: Fixed mechanically to the substrate. Substrate: Classes A1 and A2-s1,d0, ≥ 9mm thickness, density ≥ 652kg/m ³ . With no air gap.
3*	This classification is valid for the following intended use: Fixed mechanically to the substrate. Substrate: Classes A1 and A2-s1,d0, ≥ 12mm thickness, density ≥ 525kg/m ³ . With a ventilated or non-ventilated air gap between product and substrate or with no air gap.



BURNBLOCK®

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Treatment with BURNBLOCK® wood fire retardant

Additional information	
Sound absorption (Hz):	250 Hz – 500 Hz: 0,1 / 1000 Hz – 2000 Hz: 0,3 (EN 14915/5.5/Table 3)
Fire retardant solution:	Burnblock
Formaldehyde:	E1
Pentachlorophenol:	0 ppm
Water vapour permeability g (μ):	Density kg/m ³ 450-700: Wet 20-50 / Dry: 50-200 (EN 14915/5.4/table 2)
EU Reach Regulation:	Burnblock fire retardant do not contain any kind of chemicals or dangerous substances. Please see specifications: www.burnblock.com

Signed on behalf of producer 01.December.2020

Vahur Pindmä, Burnshield OÜ

