



Date 10-6-2025

Fire-retardant treated

Solid wood paneling and cladding



Declaration of Performance (Hestus DoP 04)

Reference: 2412-CPR-1063 - in compliance with EU Regulation 305/2011/EU

Product type:	Fire-retardant treated solid wood paneling and cladding. EN 14915:2013
Company:	Hestus B.V.
Production site:	Westervoortsedijk 73, 6827 AV Arnhem, The Netherlands
Notified certification body & AVCP system:	Finotrol Oy, Teollisuuskatu 3, FI-50130 Mikkeli, Finland. Notified certification body no: 2412 has performed initial inspection of the manufacturing plant and production control and performs continuous surveillance, assessment and evaluation of factory production control under system 1 and issued the certificate of conformity of factory production control: Hestus-2412-CPR-1063
Declared performances	In accordance with EN 14915:2013 with reference to Certificate of Performance 2412-CPR-1063

Intended use and mounting

- **Option 1:** Fixed mechanically to substrate. Substrate: Any substrate of classes A1 or A2-s1,d0, ≥ 12 mm thickness, density ≥ 525 kg/m³. With or a ventilated or non-ventilated airgap between product and substrate or with no airgap. Mounting: Profiles horizontally or vertically, horizontal and vertical joints. Nominal thickness >42 mm = B-s2,d0.
- **Option 2:** Fibre-cement flat sheet A2-s1,d0 at least 4,5 mm thickness and density equal to or greater than 1300 kg/m³ (Swisspearl or a similar product). Test reference for option 2: Classification K52-2024 and K53-2024 / MeKA.



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Specie	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)
Accoya (Pinus Radiata)	400-600	19	76,2	B-s2,d0	0,13-0,15
Intended use and mounting	Fixed mechanically to substrate. Substrate: Any substrate of classes A1 or A2-s1,d0, ≥t 12mm thickness, density ≥ 525 kg/m ³ . With or a ventilated or non-ventilated airgap between product and substrate or with no airgap. Mounting: Profiles horizontally, horizontal and vertical joints. Nominal thickness >19 mm= B-s2,d0				
Spruce (Picea Abies)	350-540	15-50	38	B-s1,d0	0,09-0,13
Intended use and mounting	Option 1 or option 2				
Cedar (Western red cedar)	316-494	15-50	38	B-s1,d0	0,09-0,13
Intended use and mounting	Option 1 or option 2				
Douglas Fir (Pseudotsuga menziesii)	480-580	15-50	29,1	B-s1,d0	0,11-0,13
	Option 1 or option 2				
Larch (Larix decidua)	550-630	15-50	38	B-s1,d0	0,13-0,18
Intended use and mounting	Option 1 or option 2				
Larch (Larix Siberica)	650-750	15-50	38	B-s1,d0	0,15-0,24
Intended use and mounting	Option 1 or option 2				



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Thermo Spruce (Picea Abies)	330-530	15-50	52,4	B-s1,d0	0,09–0,11
Intended use and mounting	Option 1 or option 2				
Thermo Spruce (Picea Abies)	310-500	18	39,6	B-s1,d0	0,09–0,11
	Option 1 or option 2				
Thermo Pine (Pinus sylvestris)	360-550	15-50	50,4	B-s1,d0	0,09–0,13
	Option 1 or option 2				
Thermo Frake (Terminalia superba)	410-730	15-50	51,4	B-s1,d0	0,13–0,15
Intended use and mounting	Option 1 or option 2				
Thermo Ayous (Ayous Sterculiaceae)	270-375	15-50	50,4	B-s1,d0	0,09-0,11
Intended use and mounting	Option 1 or option 2				
Thermo Poplar (genus Populus species)	330-500	15-50	51,4	B-s2,d0	0,09–0,11
Intended use and mounting	Option 1 or option 2				
Thermo Ash (Fraxinus sp.)	590-680	15-50	41.4	B-s1,d0	0,13–0,18
	Option 1 or option 2				



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Additional information	
Sound absorption (Hz):	250 Hz – 500 Hz: 0,1 / 1000 Hz – 2000 Hz: 0,3 (EN 14915/ 5.5/Table 3)
Product structure	Products can be used solid, finger jointed (only water & boiledproof glue).
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

The performances of the products declared 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 manufacture mentioned above.

Signed on behalf of producer, 24-9-2024

Han van Rooijen, Hestus

