

Declaration of Performance Hestus 05H

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 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
EU Reach Regulation	Burnblock fire retardant does not contain any kind of chemicals or dangerous substances. Specifications: www.burnblock.com

Intended use and mounting	
Mounting option 1	Fixed mechanically to substrate. Substrate: Any substrate of classes A1 or A2-s1, d0, ≥ 12mm thickness, density ≥ 525 kg/m ³ . With or a ventilated or non-ventilated air gap between product and substrate or with no air gap. Mounting: Profiles horizontally or vertically, horizontal and vertical joints.
Mounting option 2	Fiber-cement flat sheet A2-s1, d0 ≥ 4,5 mm thickness and density ≥ 1300 kg/m ³ (Swisspearl or a similar product). Test reference for option 2: Classification K52-2024 and K53-2024 / MeKA.
Coating option A	Without coating
Coating option B	With 1- or 2-layers surface coating as mentioned in table 1 in CCOP of Hestus CE partners by Sherwin Williams

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 & boil proof glue).
Fire retardant solution	Burnblock
Formaldehyde	E1
Pentachlorophenol	0 ppm
Water vapor permeability g (μ)	Density kg/m ³ 450-700: Wet 20-50 / Dry: 50-200 (EN 14915/5.4/table 2)
Uptake g/m³	Target uptake depending on thickness, intended use and mounting.

Specie	Nominal density range (kg/m ³)	Thickness (mm) Option A	Dry uptake (kg/m ³) Option A	Thickness (mm) Option B	Dry uptake (kg/m ³) Option B	Reaction to fire (Euro class)	Thermal conduct (W/m ² *K) EN14915/5.6/table 4
Spruce (Picea Abies)	350-494	15-50	38-15	18-50	38	B-s1, d0	0,09-0,13
Pine (Pinus Radiata)	380-540	15-50	40-15	18-50	38	B-s1, d0	0,14-0,22
Cedar (Western red cedar)	316-494	15-50	38-15	18-50	38	B-s1, d0	0,09-0,13
Douglas Fir (Pseudotsuga menziesii)	480-580	15-50	38-15	18-50	38	B-s1, d0	0,11-0,13
Larch (Larix decidua)	550-630	15-50	38-15	18-50	38	B-s1, d0	0,13-0,18
Larch (Larix decidua)	650-750	15-50	38-15	18-50	38	B-s1, d0	0,15-0,24
HTM Spruce (Picea Abies)	350-500	15-50	38-15	18-50	38	B-s1, d0	0,16-0,18
HTM Fraké (Terminalia superba)	450-600	15-50	38-15	18-50	38	B-s1, d0	0,11-0,13
HTM Poplar (genus Populus species)	270-410	15-50	38-15	18-50	38	B-s1, d0	0,11-0,13

Intended use and mounting: Option 1 or 2 and option A or B.

Specie	Nominal density range (kg/m ³)	Thickness (mm) Option A	Dry uptake (kg/m ³) Option A	Thickness (mm) Option B	Dry uptake (kg/m ³) Option B	Reaction to fire (Euro class)	Thermal conduct (W/m ² *K) EN 14915/5.6/table
Thermo Spruce (Picea Abies)	330-530	15-50	53-20	18-50	53	B-s2, d0	0,09-0,11
Thermo Pine (Pinus Radiata)	360-550	15-50	50-20	18-50	50	B-s2, d0	0,09-0,13
Thermo Frake (Terminalia superba)	410-730	15-50	53-20	18-50	53	B-s2, d0	0,13-0,15
Thermo Ayous (Ayous Sterculiaceae)	270-375	15-50	50-20	18-50	50	B-s2, d0	0,09-0,11
Thermo Poplar (genus Populus species)	330-500	15-50	54-20	18-50	54	B-s2, d0	0,09-0,11
Thermo Ash (Fraxinus sp.)	590-680	15-50	50-20	18-50	51	B-s2, d0	0,13-0,18

**Intended use and mounting: Option 1 or 2 and option A or B.*

Specie	Nominal density range (kg/m ³)	Thickness (mm)	Dry uptake (kg/m ³) Without coating (A)	Reaction to fire (Euro class)	Thermal conduct (W/m*K) EN 14915/5.6/table
Kebony Clear (Pinus Radiata)	570-700	15-50	50-20	B-s1-d0	0,13-0,15

**Intended use and mounting: Option 1 or 2, without coating*

Specie	Nominal density range (kg/m ³)	Thickness (mm)	Dry uptake (kg/m ³) Without coating	Reaction to fire (Euro class)	Thermal conduct (W/m*K) EN 14915/5.6/table
Accoya (Pinus Radiata)	400-600	19	76,2	B-s2, d0	0,13-0,15

**Intended use and mounting: only valid for option 1, without coating*

The performances of the products described above are consistent with the declared performance.

This declaration of performance is following the EU regulation 305/2011 on the sole responsibility of the manufacture mentioned above.

Signed on behalf of producer, 14-02-2026




Nienke de Pijper, Hestus