



## Declaration of Performance (DAF DoP 01)

Reference: DAF- 2412-CPR-1015-12 - in compliance with EU Regulation 305/2011/EU

<b>Product type:</b>	Fire-retardant treated solid wood paneling and cladding. EN 14915:2013				
<b>Manufacture:</b>	Danish Anti-fire ApS. Sandvadsvej 2, DK-4600 Køge				
<b>Production site:</b>	Overgade 11B, DK-6670 Holsted				
<b>Notified certification body &amp; AVCP system:</b>	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: DAF 2412-CPR-1015-12				
<b>Declared performances</b>	In accordance with EN 14915:2013 with reference to Certificate of Performance DAF-2412-CPR-1015-12				
Specie	Nominal density range kg/m <sup>3</sup>	Thickness (mm)	Average dry-uptake kg/m <sup>3</sup>	Reaction to fire (Euroclass)	Thermal conduct. (W/m.K) (EN 14915/5.6/table 4)
<b>Accoya</b> (Pinus Radiata)	500-550	≥ 19	78	<b>B-s1,d0</b>	0,13-0,15
Intended use and mounting	Fixed mechanically to substrate. Substrate: Any substrate of classes A1 or A2 – s1,d0 ≥ 9mm, density ≥ 652 kg/m <sup>3</sup> . Without airgap.				
<b>Accoya</b> (Pinus Radiata)	568	19	76,2	<b>B-s1,d0</b>	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 <sup>3</sup> . 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				
<b>Oak</b>	500-750	≥ 20	16	<b>B-s1,d0</b>	0,13-0,24
Intended use and mounting	Fixed mechanically to substrate. Substrate: Any substrate of classes A1 or A2 – s1,d0 ≥ 9mm, density ≥ 652 kg/m <sup>3</sup> . With no airgap. Mounting: Horizontal and vertical joints.				
<b>Larch</b> (Larix Siberica)	650-750	15-42	38	<b>B-s1,d0</b>	0,15-0,24
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 <sup>3</sup> . With 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				
<b>Larch</b> (Larix decidua)	550-630	15-42	38	<b>B-s1,d0</b>	0,13-0,18
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 <sup>3</sup> . With 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				
<b>Spruce</b> (Picea Abies)	300-470	15-42	38	<b>B-s1,d0</b>	0,09-0,13
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 <sup>3</sup> . 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				
<b>Pine</b> (Pinus Sylvestries)	370-550	15-42	40	<b>B-s1,d0</b>	0,09-0,15
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 <sup>3</sup> . 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				
<b>Ceder</b> (Western red cedar)	320-490	15-42	38	<b>B-s1,d0</b>	0,09-0,13
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 <sup>3</sup> . 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				

<b>Frake/Limba</b> (Terminalia superba)	540	15-42	42	<b>B-s1,d0</b>	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/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				
<b>Ayous</b> (Triplochiton scleroxylon)	380	15-42	38	<b>B-s1,d0</b>	0,09-0,11
Intended use and mounting	Fixed mechanically to substrate. Substrate: Any substrate of classes A1 or A2-s1,d0, ≥t 12mm 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				
<b>Ash</b> (Ash Fraxinus sp.)	690	15-42	38	<b>B-s1,d0</b>	0,15-0,18
Intended use and mounting	Fixed mechanically to substrate. Substrate: Any substrate of classes A1 or A2-s1,d0, ≥t 12mm 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				
<b>Thermo Pine</b> (Pinus Sylvestris)	430	15-42	50,4	<b>B-s1,d0</b>	0,11-0,13
Intended use and mounting	Fixed mechanically to substrate. Substrate: Any substrate of classes A1 or A2-s1,d0, ≥t 12mm 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				
<b>Thermo Ash</b> (Ash Fraxinus sp.)	620	15-42	51,4	<b>B-s1,d0</b>	0,15-0,18
Intended use and mounting	Fixed mechanically to substrate. Substrate: Any substrate of classes A1 or A2-s1,d0, ≥t 12mm 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				
<b>Thermo Ayous</b> (Ayous Sterculiaceae)	270-375	15-42	50,4	<b>B-s1,d0</b>	0,09-0,11
Intended use and mounting	Fixed mechanically to substrate. Substrate: Any substrate of classes A1 or A2-s1,d0, ≥t 12mm 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				
<b>Thermo Spruce</b> (Picea Abies)	385	15-42	52,5	<b>B-s1,d0</b>	0,09--0,11
Intended use and mounting	Fixed mechanically to substrate. Substrate: Any substrate of classes A1 or A2-s1,d0, ≥t 12mm 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				
<b>Thermo Frake/Limba</b> (Terminalia superba)	540	15-42	52,8	<b>B-s1,d0</b>	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/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				
<b>Thermo Poplar</b> (genus Populus species)	330	15-42	54,9	<b>B-s2,d0</b>	0,09-0,11
Intended use and mounting	Fixed mechanically to substrate. Substrate: Any substrate of classes A1 or A2-s1,d0, ≥t 12mm 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-s3,d0				
<b>Additional information</b>					
<b>Sound arbsorption (Hz):</b>		250 Hz – 500 Hz: 0,1 / 1000 Hz – 2000 Hz: 0,3 (EN 14915/ 5.5/Table 3)			
<b>Fire retardant solution:</b>		Burnblock			
<b>Formaldehyde:</b>		E1			
<b>Pentachlorphenol:</b>		0 ppm			
<b>Water vapour permeability g (μ):</b>		Density kg/m3 450-700: Wet 20-50 / Dry: 50-200 (EN 14915/5.4/table 2)			



25<sup>th</sup> of September 2023

Fire-retardant treated

Solid wood paneling and cladding



**DANISH ANTI-FIRE**

**EU Reach Regulation:**

Burnblock fire retardant do not contain any kind of chemicals or dangerous substances. Please see specifications: [www.burnblock.com](http://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, 25<sup>th</sup> of september 2023**

**Peter Viig Nielsen, Danish Anti-fire**

