

<b>Declaration of Performance (DAF DoP 01)</b>					
<b>Reference: DAF- 2412-CPR-1015-09 - in compliance with EU Regulation 305/2011/EU</b>					
<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-1015-09				
<b>Declared performances</b>	In accordance with EN 14915:2013 with reference to Certificate of Performance DAF-2412-CPR-1015-09				
<b>Specie</b>	<b>Nominal density range kg/m<sup>3</sup></b>	<b>Thickness (mm)</b>	<b>Average dry-uptake kg/m<sup>3</sup></b>	<b>Reaction to fire (Euroclass)</b>	<b>Thermal conduct. (W/m.K)</b> (EN 14915/5.6/table 4)
<b>Accoya</b>	500-550	≥ 19	78	<b>B-s1,d0</b>	0,13-0,15
Intended use and mounting	Fixed mechanically to substrate. Substrate: Euroclasses A1 or A2 – s1,d0 ≥ 9mm, density ≥ 652 kg/m <sup>3</sup> . Without airgap.				
<b>Accoya</b>	568	19	76,2	<b>B-s1,d0</b>	0,13-0,15
Intended use and mounting	Fixed mechanically to substrate. Substrate: Euroclass 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: Horizontally, horizontal or vertical joints. <i>Fire classification for nominal thickness 15 mm = B-s1, d0 Fire classification for nominal thickness &gt; 15 mm = B-s2,d0</i>				
<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: Euroclasses A1 or A2 – s1,d0 ≥ 9mm, density ≥ 652 kg/m <sup>3</sup> . Without airgap. Mounting: Horizontal and vertical joints.				
<b>Larch</b>	650-750	≥ 21,5	36,5	<b>B-s1,d0</b>	0,15-0,24
Intended use and mounting	Fixed mechanically to substrate. Substrate: Euroclasses A1 or A2 – s1,d0 ≥ 9mm, density ≥ 652 kg/m <sup>3</sup> . Without airgap. Mounting: Horizontally, horizontal or vertical joints.				
<b>Larch</b>	650-750	15	38	<b>B-s1,d0</b>	0,15-0,24
Intended use and mounting	Fixed mechanically to substrate. Substrate: Euroclass 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: Horizontally, horizontal and vertical joints. <i>Fire classification for nominal thickness 15 mm = B-s1, d0 Fire classification for nominal thickness &gt; 15 mm = B-s2,d0</i>				
<b>Spruce</b>	450	≥ 21	35-39	<b>B-s1,d0</b>	0,11-0,13
Intended use and mounting	Fixed mechanically to substrate. Substrate: Euroclasses A1 or A2 – s1,d0 ≥ 9mm, density ≥ 652 kg/m <sup>3</sup> . Without airgap.				
<b>Spruce</b>	355-536	15	38	<b>B-s1,d0</b>	0,09-0,15
Intended use and mounting	Fixed mechanically to substrate. Substrate: Euroclass 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 butt joints, vertical tongue and groove joints. <i>Fire classification for nominal thickness 15 mm = B-s1, d0 Fire classification for nominal thickness &gt; 15 mm = B-s2,d0</i>				
<b>Pine</b>	500	≥ 21	38	<b>B-s1,d0</b>	0,11-0,13
Intended use and mounting	Fixed mechanically to substrate. Substrate: Euroclasses A1 or A2 – s1,d0 ≥ 9mm, density ≥ 652 kg/m <sup>3</sup> . Without airgap. Mounting: Horizontal or vertical joints.				



<b>Pine</b>	430	15	40	<b>B-s1,d0</b>	0,11-0,13
Intended use and mounting	Fixed mechanically to substrate. Substrate: Euroclass A1 or A2-s1,d0, $\geq$ 12mm thickness, density $\geq$ 525 kg/m <sup>3</sup> . With a ventilated or non-ventilated airgap between product and substrate or with no airgap. Mounting: Vertically, horizontal and vertical joints. <i>Fire classification for nominal thickness 15 mm = B-s1, d0 Fire classification for nominal thickness &gt; 15 mm = B-s2,d0</i>				
<b>Cedar</b>	350-450	$\geq$ 12,5	38	<b>B-s2,d0</b>	0,09-0,13
Intended use and mounting	Fixed mechanically to substrate. Substrate: Euroclasses A1 or A2 – s1,d0 $\geq$ 9mm, density $\geq$ 652 kg/m <sup>3</sup> . Without airgap. Mounting: Horizontally, horizontal and vertical joints.				
<b>Ceder</b>	316-494	15	38	<b>B-s1,d0</b>	0,09-0,13
Intended use and mounting	Fixed mechanically to substrate. Substrate: Euroclass A1 or A2-s1,d0, $\geq$ 12mm thickness, density $\geq$ 525 kg/m <sup>3</sup> . With a ventilated or non-ventilated airgap between product and substrate or with no airgap. Mounting: Horizontally, horizontal and vertical joints. <i>Fire classification for nominal thickness 15 mm = B-s1, d0 Fire classification for nominal thickness &gt; 15 mm = B-s2,d0</i>				
<b>Thermo Pine</b>	432	15-42	50,4	<b>B-s1,d0</b>	0,11-0,13
Intended use and mounting	Fixed mechanically to substrate. Substrate: Euroclass A1 or A2-s1,d0, $\geq$ 12mm thickness, density $\geq$ 525 kg/m <sup>3</sup> . With a ventilated or non-ventilated airgap between product and substrate or with no airgap. Mounting: Horizontally, horizontal and vertical joints.				
<b>Thermo Ash</b>	617	15-42	51,4	<b>B-s1,d0</b>	0,15-0,18
Intended use and mounting	Fixed mechanically to substrate. Substrate: Euroclass A1 or A2-s1,d0, $\geq$ 12mm thickness, density $\geq$ 525 kg/m <sup>3</sup> . With a ventilated or non-ventilated airgap between product and substrate or with no airgap. Mounting: Horizontally, horizontal and vertical joints.				
<b>Thermo Ayous</b>	270-375	15-42	50,4	<b>B-s1,d0</b>	0,11-0,18
Intended use and mounting	Fixed mechanically to substrate. Substrate: Euroclass A1 or A2-s1,d0, $\geq$ 12mm thickness, density $\geq$ 525 kg/m <sup>3</sup> . With a ventilated or non-ventilated airgap between product and substrate or with no airgap. Mounting: Horizontally, horizontal and vertical joints.				
<b>Thermo Spruce</b>	385	15-42	52,5	<b>B-s1,d0</b>	0,11-0,13
Intended use and mounting	Fixed mechanically to substrate. Substrate: Euroclass A1 or A2-s1,d0, $\geq$ 12mm thickness, density $\geq$ 525 kg/m <sup>3</sup> . With a ventilated or non-ventilated airgap between product and substrate or with no airgap. Mounting: Horizontally, horizontal and vertical joints.				
<b>Additional information</b>					
<b>Sound absorption (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>Pentachlorophenol:</b>	0 ppm				
<b>Water vapour permeability g (μ):</b>	Density kg/m <sup>3</sup> 450-700: Wet 20-50 / Dry: 50-200 (EN 14915/5.4/table 2)				
<b>EU Reach Regulation:</b>	Burnblock fire retardant do not contain any kind of chemicals or dangerous substances. Please see specifications: <a href="http://www.burnblock.com">www.burnblock.com</a>				

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.

Underskrevet på vegne af producent, 19. maj 2022

  
Peter Viig Nielsen, Danish Anti-fire

