

## DECLARATION OF PERFORMANCE (DOP) – OAK

REFERENCE: NTL-2412-CPR-1039-04 IN COMPLIANCE WITH EU REGULATION 305/2011/EU

### PRODUCT DESCRIPTION

Sawn and planed wood products with or without fold made of oak, fire impregnated according to the requirements of EN14915:2013. For further details of delivered product, please see notes per order or visit [varmawood.com](http://varmawood.com).

### MANUFACTURER

Varmawood Oy - Harjuviidantie 1, 15550 Lahti, Finland

Business ID: 3253143-9

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### 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: NTL- 2412-CPR-1039-04.

### DECLARED PERFORMANCES AFTER FIRE IMPREGNATION

Table below summarizes certified wooden panels in accordance with EN 14915:2013 with reference to Certificate of Performance 2412-CPR-1039-04.

### VARMAWOOD FIRE IMPREGNATED OAK

#### CLASS – HARDWOOD FAMILY

REFERENCES: CLASSIFICATION: EN 13501-1:2018 AND EN 13501-1:2020 - TEST: EN 13823 (SBI) AND EN 14135:2004  
Substrate of classes A1 or A2-s1,d0 of at least 9 mm thickness and with a density equal to or >652 kg/m<sup>3</sup>.  
Product fixed mechanically to the substrate. With no air gap. Horizontal and vertical joints.

Species	Nominal density range (kg/m <sup>3</sup> )	Thickness (mm)	Reaction to fire
Oak	500-750	≥20	B-s1,d0

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 <sup>3</sup> 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: <a href="http://www.burnblock.com">www.burnblock.com</a>
Document version & Date	1.0, 2024-08-26

Manufacturer's signature in Nastola, August 26<sup>th</sup> 2024



Vincent Parasnis, CEO, Nordic Timber Labs Oy / Varmawood Oy