

DECLARATION OF PERFORMANCE (DOP) – BIRCH PLYWOOD

REFERENCE: NTL-2412-CPR-1040-01 IN COMPLIANCE WITH EU REGULATION 305/2011/EU

PRODUCT DESCRIPTION

Wood-based panels for use in construction. Non-structural components in internal or external applications in construction, fire impregnated according to the requirements of EN 13986:2004. For further details of delivered product, please see notes per order or visit varmawood.com.

MANUFACTURER

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NOTIFIED CERTIFICATION BODY & AVCP SYSTEM

Control Union Finland Oy (Finotrol), 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-1040-01.

DECLARED PERFORMANCES AFTER FIRE IMPREGNATION

Table below summarizes certified wood-based panels in accordance with EN 13986:2004 with reference to Certificate of Performance 2412-CPR-1040-01.

VARMAWOOD FIRE IMPREGNATED BIRCH PLYWOOD

CLASS – WOOD-BASED PANELS

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 11 mm thickness and with a density $\geq 525 \text{ kg/m}^3$. Product fixed mechanically to the substrate. Non-ventilated or ventilated air gap. Mounting with horizontal and vertical joints.

Species	Nominal density range (kg/m ³)	Thickness (mm)	Reaction to fire
Birch plywood	745	≥ 12	B-s1,d0

Additional information	
Sound absorption (Hz):	250 Hz – 500 Hz: 0,1 / 1000 Hz – 2000 Hz: 0,3 (EN 13986/Table 10)
Fire retardant solution:	Burnblock
Formaldehyde:	E1
Pentachlorophenol:	< 5 ppm
Water vapour permeability g (μ):	NPD
EU Reach Regulation:	Burnblock fire retardant do not contain any kind of chemicals or dangerous substances. Please see specifications: www.burnblock.com
Document version & Date	1.1, 2025-07-09

Manufacturer's signature in Nastola, July 9th 2025



Vincent Parasnis, CEO, Nordic Timber Labs Oy (Varmawood)