

Declaration of Performance FT07

Prepared according to the EU Construction Products Regulation (EU) 305/2011 and
Commission Delegated Regulation No. 574/2014

DATE: 22 April 2020
Revision: 7 July 2023

1. Product identification code

Cladding profile made of FRØSLEV Embla® ThermoWood® pine (thermally modified *Pinus sylvestris*)

2. Intended use

Solid wood cladding for interior and exterior use.

3. Manufacturer

Frøslev Træ A/S
Jens P. L. Petersens Vej 1
DK-6330 Padborg

4. Authorised representative

Not applicable

5. Systems for the Assessment and Verification of Constancy of Performance

AVCP level 3, see Annex ZA.1, see item 6

6. Harmonised standard

DS/EN 14915: 2013: *Solid wood cladding for interior and exterior use – Properties, requirements and marking.*

7. Task of delegated body

MeKa; Forest and Wood Products Research and Development Institute Ltd, Notified Body 2040.
ITT performed according to EN13501-1:2018 referring to test reports:
K38/2021 (≥19 mm D-s2, d0) and
K59/2021 (≥21 mm D-s1, d0).

Finotrol Oy, Notified Body 2412.
ThermoWood® certification; certificate no. 120-01: Thermo-D (212 °C)

8. Declared performance

No.	Properties	Performance	Harmonised product standard
1	Use	Solid wood cladding for interior and exterior use. Installation on wood battens D-s2, d0 or better on wind barrier: - A2-s1, d0 min. 12 mm $\geq 525 \text{ kg/m}^3$ or - A2-s1, d0 min. 9 mm $\geq 1300 \text{ kg/m}^3$ with $\lambda \geq 0.3 \text{ W/(mK)}$ Installation permitted with or without ventilated or non-ventilated air gap. Horizontal and vertical installation permitted. Permitted with common, horizontal and vertical joints.	DS/EN 14915
2	Dimension	Thickness $\geq 19 \text{ mm}$	
3	Density	400-450 kg/m^3	
4	Fire resistance	D-s2, d0 (determined through testing, K38/2021 and K59/2021 according to EN13501)	
5	Water vapour resistance	NPD	
6	Thermal conductivity	NPD	
7	Sound absorption	NPD	
8	Biological durability (EN35)	Durability class 2 (determined through testing, report 2014-110; TS15083-1)	

9. Relevant technical documentation and/or specific technical documentation

This document, relevant safety data sheets, maintenance instructions and other information can be read and downloaded at froeslev.dk

The performance of the construction product stated above is in accordance with the declared performance.

This Declaration of Performance is issued in accordance with Regulation (EU) No. 305/2011 at the sole responsibility of the manufacturer stated above.

Signed for and on behalf of the manufacturer. Padborg, 7 July 2023



Martin L. Petersen

CEO