

Declaration of Performance FT 07

3 April 2025

DoP FT 07 – Frøslev Embla ThermoWood

Prepared in accordance with the EU Construction Product Regulation (EU) 305/2011 and the Commission Delegated Regulation No 574/2014

1. Product identification code

Cladding profile of Frøslev Embla® ThermoWood® pine (thermally modified *Pinus sylvestris*) with/without surface treatment using:

- Masquelack WB Exterlack RAL9005 $\leq 200 \text{ g/m}^2$
- Teknos Teknoclad 3371 in all colour variations $\leq 200 \text{ g/m}^2$
- Teknos Teknoshield 4005 in all colour variations $\leq 100 \text{ g/m}^2$

2. Intended use

Solid wood cladding for interior and exterior use. Surface-treated profiles are for outdoor use only.

3. Manufacturer

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

4. Authorised representative

N/A

5. Systems to assess and examine 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 authorised body

MeKa; Forest and Wood Products Research and Development Institute Ltd, Notified Body 2040.
ITT performed according to EN13501-1:2018 and referring to the following reports and assessments: K38/2021, K59/2021, K47/2025, PHA11900A, PHA11844A and PHA12138A.

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. Installation on wood battens D-s2, d0. or better: on a base of material class: - A2-s1, d0 min. 12 mm plaster ≥ 525 kg/m ³ - A1 min. 9.5 mm plaster ≥ 830 kg/m ³ with λ≥0.25 W/(m °K) - A2-s1, d0 min. 9 mm fibre cement ≥ 1300 kg/m ³ with λ≥0.3 W/(m °K) Horizontal and vertical installation permitted Permitted with horizontal and vertical joints	DS/EN 14915:2013
2	Dimension	Thickness ≥ 19 mm*	
3	Density	400-450 kg/m ³	
4	Reaction to fire	D-s2, d0 (determined through testing)	
5	Water vapour resistance	NPD	
6	thermal conductivity	NPD	
7	Sound absorption	NPD	
8	Biological durability	Durability class 2 (determined through testing)	

* Any profiling may increase the free surface by a maximum of 125% of the plane area of the cladding.

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.



Martin L. Petersen

CEO

Padborg, den 3 April 2025