

## Declaration of Performance FT07

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

DATE: 22 April 2020  
Revision: 16 November 2023

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### 1. Product identification code

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Cladding of FRØSLEV Embla® ThermoWood® pine (thermally modified *Pinus sylvestris*) with/without surface treatment using Teknos Teknoclad 3371 in all colour variations  $\leq 200 \text{ g/m}^2$

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### 2. Intended use

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Solid wood cladding for interior and exterior use.

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### 3. Manufacturer

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

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### 4. Authorised representative

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Not applicable

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

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

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### 6. Harmonised standard

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

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### 7. Task of delegated body

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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 ( $\geq 19 \text{ mm D-s2, d0}$ ) and  
K59/2021 ( $\geq 21 \text{ mm D-s1, d0}$ ).

DBI report PHA11900A.

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. For exterior use with/without Teknos Teknoclad 3371 in all colour variations $\leq 200 \text{ g/m}^2$ . Installation on wood battens D-s2, d0 or better on wind barrier: <ul style="list-style-type: none"> <li>- A2-s1, d0 min. <b>12 mm</b> <math>\geq 525 \text{ kg/m}^3</math> or</li> <li>- A2-s1, d0 min. <b>9 mm</b> <math>\geq 1300 \text{ kg/m}^3</math> with <math>\lambda \geq 0.3 \text{ W/(mK)}</math></li> </ul> 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 $\text{kg/m}^3$	
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)	

\*: Any profiling may increase the free surface by a maximum of 125% of the plane area of the cladding. See e.g. TRÆ78 fig. 7.81 or EN14915:2013


**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](http://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, 16 November 2023



Martin L. Petersen

CEO