



LEMAHIEU GROUP

## DECLARATION OF PERFORMANCE

Reference no.: DOP LF 011-EN V2

**FIRE RETARDANT TREATED WOOD PANELING AND CLADDING THERMO AYOUS 15MM**

**Unique identification:** delivery note no. and/or invoice no.

Fire retardant treated wood paneling and cladding in a closed system in Thermo Ayou 15mm, with minimal average density 269-374 kg/m<sup>3</sup>

**Intended use:**

Cladding for outdoor application

Paneling for indoor application

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Thickness profile: | 15mm                                                                                                                   |
| Orientation:       | vertical                                                                                                               |
| Finishing:         | none                                                                                                                   |
| Fixation:          | mechanical fixation on horizontally and vertically orientated wooden battens (no fire retardant treatment)             |
| Air gap:           | yes (min. 40mm)/no                                                                                                     |
| Foil:              | no                                                                                                                     |
| Substrate:         | any substrate of classes A1 and A2-s1,d0 with a minimal thickness of 12,5mm and a density $\geq 525$ kg/m <sup>3</sup> |
| Fire retardant:    | Burnblock                                                                                                              |

**Manufacturer:**

Lemahieu Group Ltd.

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**System of assessment and verification of constancy of performance of the construction product:**  
System 1

**Harmonised standard:**  
EN 14915:2013

**Notified certification body:**  
WOOD.BE (identification no. 1161)

**Declared performances:**

| Essential characteristics    | Declared performances | Harmonised technical specifications |
|------------------------------|-----------------------|-------------------------------------|
| Reaction to fire             | B-s2,d0               | EN 14915:2013                       |
| Formaldehyde                 | E1                    |                                     |
| Pentachlorophenol            | ≤ 5 ppm               |                                     |
| Other dangerous substances   | NPD                   |                                     |
| Water vapour permeability    | NPD                   |                                     |
| Sound absorption coefficient | NPD                   |                                     |
| Thermal conductivity         | 0,09-0,10 W/m.K       |                                     |
| Resistance to fixation       | Pd ne                 |                                     |
| Durability                   | UC 3                  |                                     |

The performances of this product are in consistency with the declared performances.

This declaration of performance is compliant to the EU regulation no. 305/2011 on the sole responsibility of the manufacturer, identified as hereunder.

Signed for and on behalf of the manufacturer Lemahieu Group Ltd.:

TPJE Ltd.  
Managing Director  
Permanently represented by MIKE LEMAHIEU  
Ghent, 20.08.2024