

DECLARATION OF PERFORMANCE

DoP Reference number: - NL.MDF.HdoPv7

West Fraser Europe Ltd

Station Road

Cowie

Stirling

FK7 7BQ

| Unique identification code of the product type | Intended use | Systems of AVCP | Notified Body | Harmonised standard |
|---|---|-----------------|----------------|-----------------------|
| L-MDF.H >9mm to 45mm* | Internal use as non-structural components in humid conditions | 4 | Not Applicable | EN13986:2004 +A1:2015 |
| *The unique identification of the product-type is a combination of the technical class and the individual product's nominal thickness | | | | |

Declared performance (covering a range of product-types L-MDF.H >9mm to 45mm*)

| Essential characteristics | Performance | | | |
|---|-------------------|-----------|-----------|-----------|
| | Thickness (mm) | | | |
| | >9 to 12 | >12 to 19 | >19 to 30 | >30 to 45 |
| ¹ Water vapour permeability μ | NPD | NPD | NPD | NPD |
| Release of formaldehyde | E1 | E1 | E1 | E1 |
| Release (content) of pentachlorophenol (PCP) | ≤5ppm | ≤5ppm | ≤5ppm | ≤5ppm |
| ² Airborne sound insulation (surface mass) R (dB) | NPD | NPD | NPD | NPD |
| ³ Sound absorption Frequency range 250Hz to 500Hz (α) | 0.1 | 0.1 | 0.1 | 0.1 |
| ³ Sound absorption Frequency range 1000Hz to 2000Hz (α) | 0.2 | 0.2 | 0.2 | 0.2 |
| ⁴ Thermal conductivity λ (W/m.k) | NPD | NPD | NPD | NPD |
| Air Permeability V_0 (m3/h) | NPD | NPD | NPD | NPD |
| Durability | | | | |
| Internal bond (N/mm ²) | 0.45 | 0.45 | 0.45 | 0.40 |
| Swelling in thickness (%) | 16 | 13 | 12 | 11 |
| Internal bond after cyclic test (N/mm ²) | 0.25 | 0.20 | 0.15 | 0.10 |
| Swelling in thickness after cyclic test (%) | 16 | 15 | 15 | 15 |
| Biological | Use classes 1 & 2 | | | |

| Reaction to fire (see notes to table for field of application details and associated documentation references) | | Minimum thickness | Class (excluding floorings) ^g | Class (Flooring) ^h |
|--|--|-------------------|--|-------------------------------|
| | Without an air gap behind the panel <small>abef</small> | 9 | D-s2,d0 | D _{fl} ,s1 |
| | With a closed or open air gap ≤ 22mm behind the panel <small>cef</small> | 9 | D-s2,d2 | - |
| | Closed air gap behind the panel <small>def</small> | 15 | D-s2,d0 | D _{fl} ,s1 |
| | With an open air gap behind the panel <small>def</small> | 18 | D-s2,d0 | D _{fl} ,s1 |
| | Any end use <small>ef</small> | 3 | E | E _{fl} |
| a Mounted without an air gap directly against class A1 or A2-s1, d0 products with minimum density 10kg/m ³ or at least class D-s2, d2 products with minimum density 400 kg/m ³ . b A substrate of cellulose insulation material of at least class E may be included if mounted directly against the wood-based panel, but not for floorings. c Mounted with an air gap behind. The reverse face of the cavity shall be at least class A2-s1, d0 products with minimum density 10 kg/m ³ . d Mounted with an air gap behind. The reverse face of the cavity shall be at least class D-s2, d2 products with minimum density 400 kg/m ³ . e Veneered, phenol- and melamine-faced panels are included for class excl. floorings. f A vapour barrier with a thickness up to 0,4 mm and a mass up to 200 g/m ² can be mounted in between the wood-based panel and a substrate if there are no air gaps in between. g Class Provided for in Table 1 of the Annex to decision 2000/147/EC h Class Provided for in Table 2 of the Annex to decision 2000/147/EC | | | | |
| NOTES TO TABLE | | | | |
| 1 Taken from Table 9 of EN 13986:2004+A1 2 Calculated according to clause 5.10 of EN 13986:2004+A1 3 Taken from Table 10 of EN 13986:2004+A1 4 Taken from Table 11 of EN 13986:2004+A1 5 reaction to fire classes from Table 1 of Commission Decision 2003/43/EC of January 2003 (OJEU L13 of 18.1.2003) corrected by Corrigendum (OJEU L33 of 8.2.2003) and amended by Commission decision 2007/348/EC of May 2007 (OJEU L131 of 23-05-2007); also reproduced in Table 8 of EN 13986:2004+A1:2015 for wood-based panels installed according to CEN/TR 12872 | | | | |

The performance of the product identified is in conformity with the declared performance.

This declaration of performance is issued in accordance with regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

John Robb

At: - Cowie, Scotland

On: - 03-07-2023