

DECLARATION OF PERFORMANCE

DoP Reference number: - **NMDFDoPv7**

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 |
|--|---|-----------------|----------------|-----------------------|
| MDF >4mm to 45mm* | Internal use as non-structural components in dry conditions | 4 | Not Applicable | EN13986:2004 +A1:2015 |
| <small>*The unique identification of the product-type is a combination of the technical class and the individual product's nominal thickness</small> | | | | |

Declared performance (covering a range of product-types MDF >4mm to 45mm*)

| Essential characteristics | Performance | | | | | |
|---|-------------|---------|----------|-----------|-----------|------------|
| | >4 to 6 | >6 to 9 | >9 to 12 | >12 to 19 | >19 to 30 | <>30 to 45 |
| Thickness range | >4 to 6 | >6 to 9 | >9 to 12 | >12 to 19 | >19 to 30 | <>30 to 45 |
| ¹ Water vapour permeability μ | NPD | NPD | NPD | NPD | NPD | NPD |
| Release of formaldehyde | E1 | E1 | E1 | E1 | E1 | E1 |
| Release (content) of pentachlorophenol (PCP) | ≤5ppm | ≤5ppm | ≤5ppm | ≤5ppm | ≤5ppm | ≤5ppm |
| ² Airborne sound insulation (surface mass) R (dB) | NPD | NPD | NPD | NPD | NPD | NPD |
| ³ Sound absorption Frequency range 250Hz to 500Hz (α) | 0.1 | 0.1 | 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 | 0.2 | 0.2 |
| ⁴ Thermal conductivity λ (W/m.K) | NPD | NPD | NPD | NPD | NPD | NPD |
| Air Permeability V_0 (m ³ /h) | NPD | NPD | NPD | NPD | NPD | NPD |
| Durability | | | | | | |
| Internal bond (N/mm ²) | 0.65 | 0.65 | 0.60 | 0.55 | 0.55 | 0.50 |
| Swelling in thickness (%) | 30 | 17 | 15 | 12 | 10 | 8 |
| Biological | Use Class 1 | | | | | |

| ⁵ 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