

DECLARATION OF PERFORMANCE
DoP Reference number: - **NMDF.HDoPv3**
Norbord 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.H >4mm 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 MDF.H >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 (mm)	>4 to 6	>6 to 9	>9 to 12	>12 to 19	>19 to 30	>30 to 45
Reaction to fire	NPD	NPD	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0
Water vapour permeability μ	NPD	NPD	NPD	NPD	NPD	NPD
Release of formaldehyde	E1	E1	E1	E1	E1	E1
Release (content) of pentachlorophenol (PCP)	≤ 5 ppm	≤ 5 ppm	≤ 5 ppm	≤ 5 ppm	≤ 5 ppm	≤ 5 ppm
Airborne sound insulation (surface mass) (R)	NPD	NPD	NPD	NPD	NPD	NPD
Sound absorption Frequency range 250Hz to 500Hz (α)	0.1	0.1	0.1	0.1	0.1	0.1
Sound absorption Frequency range 1000Hz to 2000Hz (α)	0.2	0.2	0.2	0.2	0.2	0.2
Thermal conductivity λ	NPD	NPD	NPD	NPD	NPD	NPD
Durability						
Internal bond (N/mm ²)	0.70	0.80	0.80	0.75	0.75	0.70
Swelling in thickness (%)	18	12	10	8	7	7
Internal bond after cyclic test (N/mm ²)	0.35	0.30	0.25	0.20	0.15	0.10
Swelling in thickness after cyclic test (%)	25	19	16	15	15	15
Moisture resistance Internal bond after boil test (%)	0.20	0.15	0.15	0.12	0.12	0.10
Biological	Use classes 1 & 2					

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

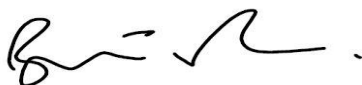
This declaration of performance is issued in accordance with regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Brian French

At: - Cowie, Scotland

On: - 10-10-16



(signature)