

DECLARATION OF PERFORMANCE
DoP Reference number: - NMDF.HDoPv1
Norbord Europe Ltd
Station Road
Cowie
Stirling
FK7 7BQ

Product type	Intended use	AVCP*	Notified Body reference
MDF.H	Internal use as non-structural components in humid conditions	4	Not Applicable
*Assessment and verification of constancy of performance system according to Annex V of regulation (EU) No 305/2011			

Declared performance

Essential characteristics	Performance							Harmonised technical specification		
	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									

EN 13986:2004

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

This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

BRIAN FRENCH PROCESS IMPROVEMENT MANAGER

(name and function)

COWIE, SCOTLAND 14/6/2013 Brian French

(place and date of issue)

(signature)