

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

Product type	Intended use	AVCP*	Notified Body reference
L.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)							
	>6 to 9	>9 to 12	>12 to 19	>19 to 30	>30 to 45		EN 13986:2004	
Reaction to fire	NPD	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0			
Water vapour permeability μ	NPD	NPD	NPD	NPD	NPD			
Release of formaldehyde	E1	E1	E1	E1	E1			
Release (content) of pentachlorophenol (PCP)	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm			
Airborne sound insulation (surface mass) (R)	NPD	NPD	NPD	NPD	NPD			
Sound absorption Frequency range 250Hz to 500Hz (α)	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			
Thermal conductivity λ	NPD	NPD	NPD	NPD	NPD			
Durability								
Internal bond (N/mm^2)	0.45	0.45	0.45	0.45	0.40			
Swelling in thickness (%)	18	16	13	12	11			
Internal bond after cyclic test (N/mm^2)	0.30	0.25	0.20	0.15	0.10			
Swelling in thickness after cyclic test (%)	19	16	15	15	15			
Moisture resistance Internal bond after boil test (%)	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 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

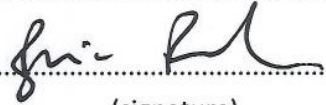
BRIAN FRENCH

PROCESS IMPROVEMENT MANAGER

(name and function)

COWIE, SCOTLAND

14/6/2013



(place and date of issue)

(signature)