

**DECLARATION OF PERFORMANCE**  
DoP Reference number: - **NP3DoPv4**  
**Norbord Europe Ltd**  
**Station Road**  
**Cowie**  
**Stirling**  
**FK7 7BQ**

Unique identification code of product type	Intended use	Systems of AVCP	Notified Body	Harmonised Standard
P3 > 6mm to 40mm*	Internal use as non-structural components in humid conditions	4	Not applicable	EN13986:2004 +A1:2015

\*The unique identification code 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 P3 >6mm to 40mm\*)**

Essential characteristics	Performance				
	Thickness (mm)				
	>6to13	>13to20	>20to25	>25to32	>32to40
Reaction to fire	NPD	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0
Water vapour permeability $\mu$	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 ( $\alpha$ )	0.1	0.1	0.1	0.1	0.1
Sound absorption Frequency range 1000Hz to 2000Hz ( $\alpha$ )	0.25	0.25	0.25	0.25	0.25
Thermal conductivity $\lambda$	NPD	NPD	NPD	NPD	NPD
Durability					
Internal bond (N/mm <sup>2</sup> )	0.45	0.45	0.40	0.35	0.30
Swelling in thickness (%)	17	14	13	13	12
Internal bond after cyclic test (N/mm <sup>2</sup> )	0.15	0.13	0.12	0.10	0.09
Swelling in thickness after cyclic test (%)	14	13	12	12	11
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:

Nick Fedo

At: - Cowie, Scotland

On: - 06-04-17

