



NORBORD Europe Ltd  
 Station Road  
 Cowie  
 Stirling  
 Scotland  
 FK7 7BQ

DoP ref: **NP1DoPv4**

EN13986:2004 +A1:2015

04

E1

P1

6mm to 38mm

Non-Structural use in dry conditions

Essential characteristics	Performance					
	Thickness (mm)					
	>6 to 10	>10 to 13	>13 to 20	>20 to 25	>25 to 32	>32 to 40
Reaction to fire	NPD	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0
Water vapour permeability $\mu$	NPD	NPD	NPD	NPD	NPD	NPD
Release of formaldehyde	E1	E1	E1	E1	E1	E1
Release (content) of pentachlorophenol (PCP)	$\leq 5$ ppm	$\leq 5$ ppm	$\leq 5$ ppm	$\leq 5$ ppm	$\leq 5$ ppm	$\leq 5$ ppm
Airborne sound insulation (surface mass) (R)	NPD	NPD	NPD	NPD	NPD	NPD
Sound absorption Frequency range 250Hz to 500Hz ( $\alpha$ )	0.1	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	0.25
Thermal conductivity $\lambda$	NPD	NPD	NPD	NPD	NPD	NPD
Durability						
Internal bond ( $N/mm^2$ )	0.28	0.28	0.24	0.20	0.17	0.14
Biological	Use Class 1					