



NORBORD Europe Ltd
Station Road
Cowie
Stirling
Scotland
FK7 7BQ

DoP ref: **NMDFDoPv1**

EN 13986:2004

04

E1

MDF

6mm to 38mm

Non-Structural use in dry conditions

Essential characteristics	Performance									Harmonised technical specification
Thickness range	>4 to 6	>6 to 9	>9 to 12	>12 to 19	>19 to 30	<=30 to 45				EN 13986:2004
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)	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm				
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)	NPD	NPD	NPD	NPD	NPD	NPD				
Thermal conductivity λ	NPD	NPD	NPD	NPD	NPD	NPD				
Durability										
Internal bond (N/mm²)	0.65	0.65	0.60	0.55	0.55	0.50				
Swelling in thickness (%)	30	17	15	12	10	8				
Biological	Use Class 1									