

Thickness mm	> 6-10	> 10-13	> 13-20	> 20-25	> 25-32	> 32-40
Bending Strength (N/mm ²)	16	16	15	13	11	9
Modulus of elasticity in bending (N/mm ²)	2300	2300	2300	2050	1850	1500
Internal Bond (N/mm ²)	0,40	0,40	0,35	0,30	0,25	0,20
Swelling in thickness 24 h (%)	19	16	15	15	15	14

Essential characteristics	Performance	Standard
Release of formaldehyde	E1 (E0.5 on request)	(BS) EN 13986
Reaction to fire	D-s2, d0	
Water vapour permeability	3...7x10 ⁻¹² kg/msPa	
Airborne sound insulation	NPD	
Sound absorption	NPD	
Thermal conductivity	0,13 W/(m k)	
Impact Resistance	NPD	
Mechanical Durability	Table 3.1	
Detailed information can be found in Tables 3.1 & 3.2 of (BS) EN 1995-1-1	Table 3.2	
Biological durability (BS) EN 335	Class 1	
Content of pentachlorophenol (PCP)	≤ 5 ppm	

The performance of the product identified in point 1. is in conformity with the declared performance in point 6. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and behalf of the manufacturer 07.11.2024.

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