



FIBCEM® BOARD. TECHNICAL SPECIFICATIONS.

Standard Dimensions	1200 x 600, 1200 x 2400 mm
Thickness	6mm. 8mm. 12mm. 18mm. 20mm. 22mm. 30mm.
Length / Width Tolerance	± 5 mm / ± 3,75 mm
Thickness Tolerance (e: board thickness)	Plain: ± %10 e, Patterned: - %10e / +%15e
Right Angle Deviation	± 2 mm/m
Straightness of the Sides	± % 0,1 a (a : side length)
Surface Appearance	Plain or patterned
Density	~ 1350±50 kg/m ³
Vapour Diffusion Resistance Factor	μ ≤ 30
Porosity	~ % 30
Bending Resistance (Minimum)	~ 14,0 N/mm ² (longitudinal); ~ 9,0 N/mm ² (horizontal)
Freeze Resistance	Freeze Resistant in accordance with EN 12467
Water Permeability	Impermeable to water in accordance with EN 12467
Flame Resistance	Incombustible, A1 class building material according to EN 13501-1
Asbestos Content	Does not contain asbestos (NT type plate)
Emission of Other Hazardous Substances	No emission of hazardous substances or gases
Coefficient of Thermal Expansion	α _t = 0,005 mm/mK
Coefficient of Heat Transmission	λ = 0,20 W/mK
Modulus of Elasticity	8000 N/mm ² (longitudinal), 6000 N/mm ² (horizontal)
Water Absorption Rate	< % 30
Humidity Rate of Boards in Stock	< %10 (subject to atmospheric humidity)
Water Effect	0,5 mm/m (in full saturation)
Bending Radius (According to Thickness)	8 mm.. 8 m; 10 mm..12 m; 12 mm..24; 16 mm..50 m

ULTRA PRO
Web: www.ultra-pro.co.uk
Tel: 01799 550222.

