

TECHNICAL PROPERTIES

SEPTEMBER 2025

1. Product Description

IBS FIBRE® WAB fibre cement board is an excellent choice for wet areas and high-traffic lining in dry construction applications. It features a smooth, sanded surface and rebated edges, allowing for a high-quality finish. Resistant to long-term moisture exposure, IBS FIBRE® WAB does not support mould growth in humid environments.

Its delamination strength can be up to 70% higher than that of water-resistant plasterboard. IBS FIBRE® WAB also exhibits very low moisture movement, making it a stable and robust substrate for ceramic and stone tiling, painting, or other wall finishes. The board will not bow or deform during use.

IBS FIBRE® CTU Technical Properties		
Parameter	Value	Standard
Apparent Density	>1300kg/m ³	AS/NZS 2908.2
Tolerance on Length, Width and Thickness	Length: ± 2 mm Width: ± 2 mm Thickness : $\leq 10\%$	AS/NZS 2908.2
Straightness of Edges	≤ 1 mm/m	AS/NZS 2908.2
Squareness of Edges	≤ 1 mm/m	AS/NZS 2908.2
Bending strength (Type A, category 3)	≥ 10 MPa	AS/NZS 2908.2
Moisture content	8-13%	ASTM C1185
Water adsorption	32 \pm 2%	ASTM C1185
Moisture movement	< 0.25%	AS/NZS 2908.2
Water permeability	No formation of drops of water on the underside of the specimen after 24h	AS/NZS 2908.2
Warm water	Passed(Li=0.95)	AS/NZS 2908.2
Freeze-thaw	Passed(50 cycles)	AS/NZS 2908.2
Heat rain	Passed(50 cycles)	EN12467:2012
Soak-dry	Passed(50 cycles)	EN12467:2012
Reaction to fire	Class A1	EN12467:2012
Combustion performance	Non-Combustible	AS 1530 Part 3:1999
Fire Hazard Properties		
Ignitability Index	0	AS 1530 Part 3:1999
Spread of Flame Index	0	
Heat Evolved Index	0	
Smoke Development Index	0-1	