AQUACEM

FIBER CEMENT FLOOR BOARD

Technical Datasheet

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AQUACEM

MANUFACTURED WITH GERMAN TECHNOLOGY

Technical Datasheet

AQUACEM Fiber Cement Floor Boards are tough, smooth and durable building boards unsurpassed quality, versatility and ease of working. They are ideal for flooring purposes, can be used for external and internal flooring, decking, underlayment and subflooring applications.

AQUACEM Fiber Cement Floor Boards are manufactured using advance German technology with hatschek process, which involves building up a number of laminations of a slurry mix of the core ingredients on a large steel cylinder, known as the size roller. When the desired board thickness is achieved, the board is cut away and deposited on a conveyor, where it is trimmed to size, then sacked and left for a short period of pre-curing. The final curing, which is made in a high pressure steam autoclave, changes the chemical structure of the cement/silica sand matrix to produce highly durable and stronger boards.

Description	Result	Testing Standard
Thickness Tolerance (mm)	±0.2	EN12467
Length Tolerance (mm)	±2	EN12467
Width Tolerance (mm)	±2	EN12467
Squareness (mm/m)	1	EN12467
Density (kg/m3)	1300±50	EN12467
Modulus of Rupture Value (wet) Mpa	>7	EN12467
Modulus of Rupture Value (dry) Mpa	>10	EN12467
Fire Propagation	Class O	BS 476 Part 6
Surface Flame Spread	Class 1	BS 476 Part 7
Ignitability	Class P	BS 476 Part 5
Combustibility	Non-Combustible	BS 476 Part 4
Smoke Development Index	Class A	ASTM E84
Moisture Content (%)	<10	EN12467
PH (%)	10 to 12	EN12467
Water Absorption (%)	<30	EN12467
Water Tightness Test (%)	Pass	EN12467
Freeze/ thaw	Pass	EN12467
Soak-dry	Pass	EN12467

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AQUA BOARDS BUILDING MATERIALS FZ-LLC
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