

Description

A non-combustible fiber cement board are manufactured by the Hatcheck process and cured by high pressure steam autoclave. These boards are suitable for Internal partitions, false ceilings, flooring, wet area partitions.

Advantages

- ✓ Due to its unique formulation, ACFA boards resists termite and moisture.
- ✓ They do not rot and deteriorates and provide long lasting strength.
- ✓ They also offer excellent weather, sound, fire & thermal resistance and are low maintenance product.
- ✓ They can take any finishing options

Specification Complied to ASTM C1186

Characteristics	UOM	Requirements	Pass/Fail
Length	mm	2400	Pass
Width	mm	1200	Pass
Thickness	mm	6	Pass
Thickness Variation Between Sheets	mm	±0.5	Pass
Straightness of Edges	mm/meter	≤ 2.6	Pass
Squareness	mm/meter	≤ 2.6	Pass
Wet Flexural Strength	Mpa	≥ 7	Pass
Equilibrium Flexural Strength	Mpa	≥ 10	Pass
Wet Flexural strength % of Equilibrium strength	%	≥ 50	Pass
Density	Kg/m ³	As Reported	As Reported
Moisture	%	As Reported	As Reported
Water Absorption	%	As Reported	As Reported

Product Data

- ✓ Width – 1200mm
- ✓ Length – 2400m
- ✓ Edge – Square/Taper

Manufacturer: 4724 — Sudair City for Business and Industry — Unit number: 2
P.O. Box: 7659— Tumair 15336, Kingdom of Saudi Arabia

Document # ACFA122024 REV # 00

All data as per inhouse test or simulated internally.



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Characteristics	UOM	Requirements	Pass/Fail
Length	mm	2400	Pass
Width	mm	1200	Pass
Thickness	mm	9	Pass
Thickness Variation Between Sheets	mm	±0.5	Pass
Straightness of Edges	mm/meter	≤ 2.6	Pass
Squareness	mm/meter	≤ 2.6	Pass
Wet Flexural Strength	Mpa	≥ 7	Pass
Equilibrium Flexural Strength	Mpa	≥ 10	Pass
Wet Flexural strength % of Equilibrium strength	%	≥ 50	Pass
Density	Kg/m ³	As Reported	As Reported
Moisture	%	As Reported	As Reported
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Characteristics	UOM	Requirements	Pass/Fail
Length	mm	2400	Pass
Width	mm	1200	Pass
Thickness	mm	12	Pass
Thickness Variation Between Sheets	mm	±0.5	Pass
Straightness of Edges	mm/meter	≤ 2.6	Pass
Squareness	mm/meter	≤ 2.6	Pass
Wet Flexural Strength	Mpa	≥ 7	Pass
Equilibrium Flexural Strength	Mpa	≥ 10	Pass
Wet Flexural strength % of Equilibrium strength	%	≥ 50	Pass
Density	Kg/m ³	As Reported	As Reported
Moisture	%	As Reported	As Reported
Water Absorption	%	As Reported	As Reported

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Characteristics	UOM	Requirements	Pass/Fail
Length	mm	2400	Pass
Width	mm	1200	Pass
Thickness	mm	15	Pass
Thickness Variation Between Sheets	mm	±0.5	Pass
Straightness of Edges	mm/meter	≤ 2.6	Pass
Squareness	mm/meter	≤ 2.6	Pass
Wet Flexural Strength	Mpa	≥ 7	Pass
Equilibrium Flexural Strength	Mpa	≥ 10	Pass
Wet Flexural strength % of Equilibrium strength	%	≥ 50	Pass
Density	Kg/m ³	As Reported	As Reported
Moisture	%	As Reported	As Reported
Water Absorption	%	As Reported	As Reported

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Characteristics	UOM	Requirements	Pass/Fail
Length	mm	2400	Pass
Width	mm	1200	Pass
Thickness	mm	16	Pass
Thickness Variation Between Sheets	mm	±0.5	Pass
Straightness of Edges	mm/meter	≤ 2.6	Pass
Squareness	mm/meter	≤ 2.6	Pass
Wet Flexural Strength	Mpa	≥ 7	Pass
Equilibrium Flexural Strength	Mpa	≥ 10	Pass
Wet Flexural strength % of Equilibrium strength	%	≥ 50	Pass
Density	Kg/m ³	As Reported	As Reported
Moisture	%	As Reported	As Reported
Water Absorption	%	As Reported	As Reported

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Characteristics	UOM	Requirements	Pass/Fail
Length	mm	2400	Pass
Width	mm	1200	Pass
Thickness	mm	18	Pass
Thickness Variation Between Sheets	mm	±0.5	Pass
Straightness of Edges	mm/meter	≤ 2.6	Pass
Squareness	mm/meter	≤ 2.6	Pass
Wet Flexural Strength	Mpa	≥ 7	Pass
Equilibrium Flexural Strength	Mpa	≥ 10	Pass
Wet Flexural strength % of Equilibrium strength	%	≥ 50	Pass
Density	Kg/m ³	As Reported	As Reported
Moisture	%	As Reported	As Reported
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