

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, cladding, façade, soffit ceiling or as recommended.

Advantages

- ✓ Due to its unique formulation, ACFA Premium 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 | ≥ 10 | Pass |
| Equilibrium Flexural Strength | Mpa | ≥ 13 | 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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|---|-------------------|--------------|-------------|
| 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 | ≥ 10 | Pass |
| Equilibrium Flexural Strength | Mpa | ≥ 13 | 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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|---|-------------------|--------------|-------------|
| 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 | ≥ 10 | Pass |
| Equilibrium Flexural Strength | Mpa | ≥ 13 | 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 | 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 | ≥ 10 | Pass |
| Equilibrium Flexural Strength | Mpa | ≥ 13 | 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 | ≥ 10 | Pass |
| Equilibrium Flexural Strength | Mpa | ≥ 13 | 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 | ≥ 10 | Pass |
| Equilibrium Flexural Strength | Mpa | ≥ 13 | Pass |
| Wet Flexural strength % of Equilibrium strength | % | ≥ 50 | Pass |
| Density | Kg/m ³ | As Reported | As Reported |
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