

# MADA FIBER CEMENT BOARD

## Technical Data Sheet

TDS-FCB-R02-Rev2 Fiber Cement Board - 2024

### Advantage



Fire  
resistance



Termite  
resistance



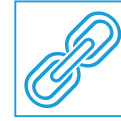
Sound &  
thermal  
insulation



Easy to  
work with



Weather  
resistance



High  
impact  
strength



Easy to  
decorate



Radiation  
resistance



Chemical  
resistance

### Product Description

Mada Fiber Cement Board is manufactured according to ASTM C-1186 standards. It is available in standard dimension with smooth texture finish to meet the requirements of modern buildings for interior and exterior applications.

### Field of Application

Mada Fiber Cement Board is a flexible and aesthetically appealing product suitable for wall paneling, false ceiling, mezzanine flooring, fire rated partitions, acoustic partitions, wet area application, external application, etc.

### Manufacturing Standard

Mada Fiber Cement Boards are manufactured in accordance with ASTM C1186 & tested according to ASTM C1185 & ASTM E84.



Tested and Certified as part of complete Mada System to ASTM E119 for Fire Rated Systems



# TECHNICAL DATA SHEET

## Technical Specification

Test	Mada Fiber Cement Board
Dimension	2400 mm × 1200 mm
Thickness	6mm, 8mm, 9mm, 12mm, 15mm, 16mm, 18mm Special Thickness can be produced on demand
Edges	Squared
Density	1.3 g/cm <sup>3</sup> + 0.05 g/cm <sup>3</sup>
Flexural Strength	Wet Strength: > 7.0 MPa (Grade 2)
Water Absorption	< 35%
Water Tightness	PASS
Moisture Movement	0.04
Moisture Content	< 12%
Thermal Conductivity at 250°C	0.15 w/m.K
Ph Value	7 - 8

Acoustic Rating (Mada System application) -Tested as per ASTM E90

Fire Resistant Properties	Mada Fiber Cement Board
Combustibility	Class '0' - Non Combustible
Ignitibility	PASS
Fire Propagation Index	I = 0
Surface Spread Of Flame	Class - 1

\*Given test results are based on 9mm thick specimen

## Handling and Storage

- Mada Fiber Cement Board to be stored on pallets or on a pack of boards and supported evenly on a firm, dry, level, and structurally sound floor.
- Protect Mada Fiber Cement Board from direct rain, sunlight or other extensive weather conditions.
- Mada Fiber Cement Board to be stored in dry area inside the building which is ready to receive drywall fixings.
- Cover it with plastic sheet or tarpaulin.
- Use forklift for the horizontal transportation and designed hoists for vertical transportation of pallets.
- Loose Mada Fiber Cement Board must be handled by two people. The board must be lifted in a vertical direction to avoid breaking due to flexing.