



**Pakistan's Premier Manufacturer
of Fibre Cement Board**



**Environment
Friendly**



**Fast
Installation**



**Fire
Retardant**



**Water
Resistant**



**High
Strength**



**Termite
Proof**



**Asbestos
Free**

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WELCOME TO CEMENTONE

At Cementone, we believe that every building contributes to the growth of a stronger community. From residential to commercial projects, our commitment is to create innovative building solutions that deliver lasting strength, reliability, and sustainability.

Manufactured using advance technology and uncompromising quality standards, Cementone Fibre Cement Boards help create safer, stronger, and more efficient structures for generations to come.

Together, lets build the foundation for a better future.



CEMTONE

FIBRE CEMENT BOARD, BUILT ON TRUST.



What Is Cemtone Board?

Cemtone manufactures fibre cement boards using high-quality raw materials, including cement, silica sand, high-performance additives, and cellulose fibres. Designed for modern construction methods, Cemtone boards deliver exceptional strength, durability, and long-term performance for both interior and exterior applications.

Available Thicknesses

Cemtone boards are available in thicknesses of **6 mm, 9 mm, 12 mm, 15 mm, and 18 mm**. They can also be manufactured in customized sizes to meet specific project requirements.

Autoclave Technology

Cemtone boards are manufactured using advanced Autoclave Curing Technology, which enhances the chemical reaction between cement and silica. This process improves the board strength, moisture resistance and fire retardance.

Cemtone Fibre Cement Board offers a faster, lighter, and more efficient alternative to traditional brick and block construction. Combining strength, durability, fire safety, and ease of installation, it is the preferred choice for high-rise buildings, schools, hospitals, hotels, prefabricated housing projects, and EPS wall panels etc.



PRODUCT PROPERTIES:

Properties	Test Method	Unit	Results
Density	ASTM C1185	Kg/m ³	1,250-1,450 Kg/m ³
Modulus of rupture (dry)	ASTM C1185	Mpa	> 10
Direct screw withdrawal strength	ASTM D1037	N	> 1750
Thermal conductivity	ASTM C177	W/(m.k)	<0.25
Linear coefficient of thermal expansion	ASTM D696	mm/mm/°C	7×10^{-6} to 10×10^{-6}
pH value	Litmus test	-	10-12
Moisture content	ASTM C1185	%	< 15
Impermeability	BS EN 12467	Pass/Fail	Pass
Freeze - Thaw resistance	BS EN 12467	Pass/Fail	Pass
Heat - Rain resistance	BS EN 12467	Pass/Fail	Pass
Warm water resistance	BS EN 12467	Pass/Fail	Pass
Soak-dry resistance	BS EN 12467	Pass/Fail	Pass
Non-combustibility test	ISO 1182		Non combustible

BENEFITS:



Environment
Friendly



Fast
Installation



Thermal
Insulation



Fire
Retardant



Water
Resistant



High
Strength



Termite
Proof



Asbestos
Free

SIZE, THICKNESS AND WEIGHT

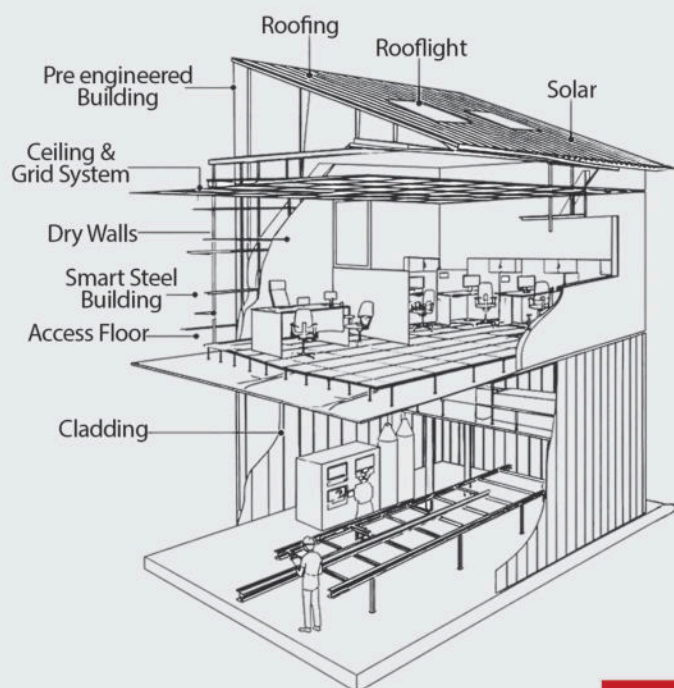
Thickness (mm)	6	8	9	10	12	15	18
1220 x 2440 mm. Weight (kg/sheet) approx	24	32	36	40	48	60	72
Weight (kg/m ²) approx	8.1	10.7	12.1	13.4	16.1	20.2	24.2

USES FOR DIFF. THICKNESSES

Thickness (mm)	6	8	9	10	12	15	18
Sub Roof			✓	✓	✓	✓	
Ceiling	✓	✓	✓				
External Wall /Facade System				✓	✓	✓	✓
Interior Wall	✓	✓	✓	✓			
Internal Wall Underlay		✓	✓	✓	✓		
External / Internal Floor					✓	✓	✓
Floor Underlay			✓	✓	✓		

USES:

- ◆ Specially designed for wall partitions, raised floors, and ceilings, ducting etc.
- ◆ Ideal for wet areas, including kitchens, bathrooms, and service areas.
- ◆ Easily conceals utilities.
- ◆ Suitable for fire-rated walls, ceilings, service shafts, and protective linings.
- ◆ Ideal for external cladding and façade systems.

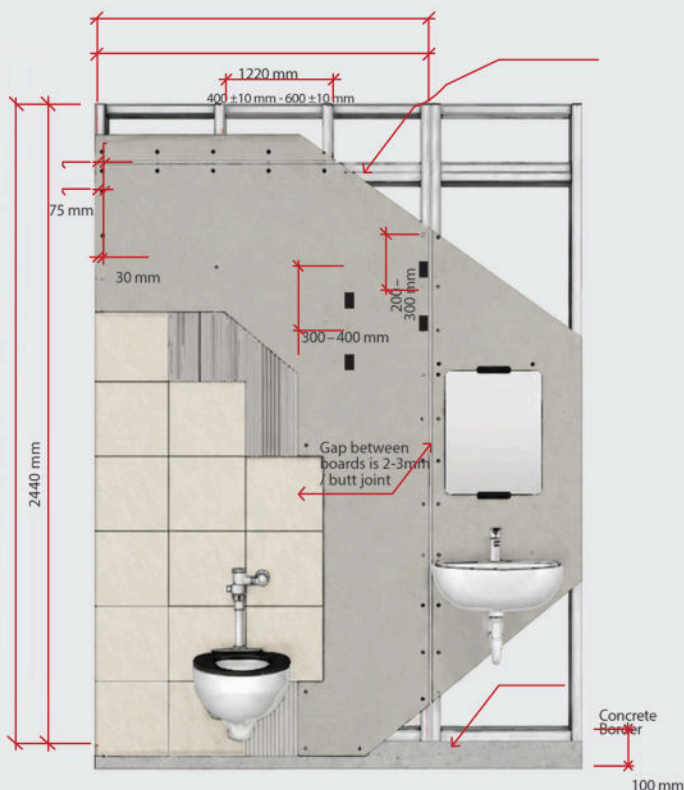
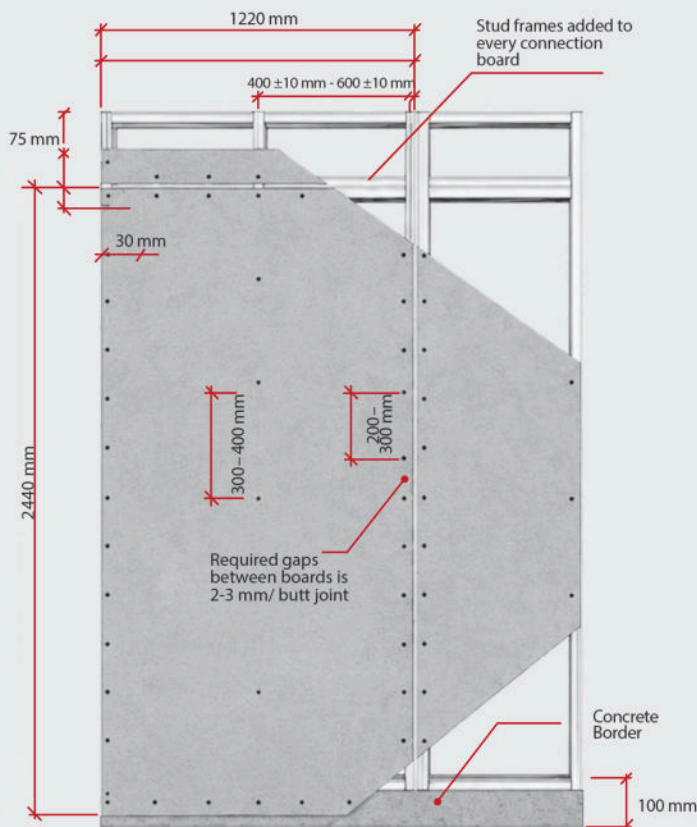


NOTE: All the Sizes, Thicknesses and Weights are approximate.

WALL



Board Application



INTERNAL / EXTERNAL WALL

Thickness

- 9–12 mm: Suitable for general internal applications.
- Over 12 mm: Recommended for exterior applications or as specified by project requirements.

Stud Framing

- Galvanized or steel framing, as required (or as specified by the project engineer).

Spacing

- Vertical framing spacing: 400 ± 10 mm to 600 ± 10 mm.
- Horizontal framing at 2440 mm.
- Maintain a 100 mm clearance between the floor and the wall framing to keep the boards and steel studs away from water, helping to prevent corrosion.
- Maintain a 2–3 mm gap between boards / butt joints, or as specified by the project requirements.

Installation

- Provide a stud frame at every board joint.
- Position each board so that the joint is centered on the stud frame.

Fastening

- Apply mesh tape over all board joints.
- Fill all joints and screw holes with Cemtone Putty* (recommended).
- Drill pilot holes before installing screws.
- Maintain a screw spacing of 200–300 mm along the board edges.
- Maintain a screw spacing of 300–400 mm in the central area of the board.
- Position screws 75 mm from each corner and 30 mm from the board edge.

Painting and Coating

- Clean the surface with a damp cloth before painting.
- Apply Cemtone Primer* (recommended).
- Apply 100% acrylic paint.
- For a glossy finish, apply at least two coats of semi-gloss acrylic or polyurethane paint.

WALL UNDERLAY WITH CERAMIC TILES

Thickness

- 9–12 mm: Recommended for general applications.

Stud Framing

- Galvanized or steel framing, as required (or as specified by the project engineer).

Spacing

- Install vertical framing at 400 ± 10 mm to 600 ± 10 mm and horizontal framing at 2440 mm.
- Position the wall framing with a 100 mm clearance from the floor.

Installation

- Provide a stud frame at every board joint and fixing point for mounted fixtures (e.g., basins and sanitary ware).
- Position each board so that the joint is centered on the stud frame.
- Maintain a 2–3 mm gap between boards / butt joints, or as specified by the project requirements.

Fastening

- Apply mesh tape over all board joints.
- Fill all joints and screw holes with Cemtone Putty* (recommended).
- Drill pilot holes before installing screws.
- Maintain a screw spacing of 200–300 mm along the board edges.
- Maintain a screw spacing of 300–400 mm in the central area of the board.
- Position screws 75 mm from each corner and 30 mm from the board edge.

Coating

- Clean the surface with a damp cloth before applying the coating.
- Apply Cemtone Sealer* (recommended).

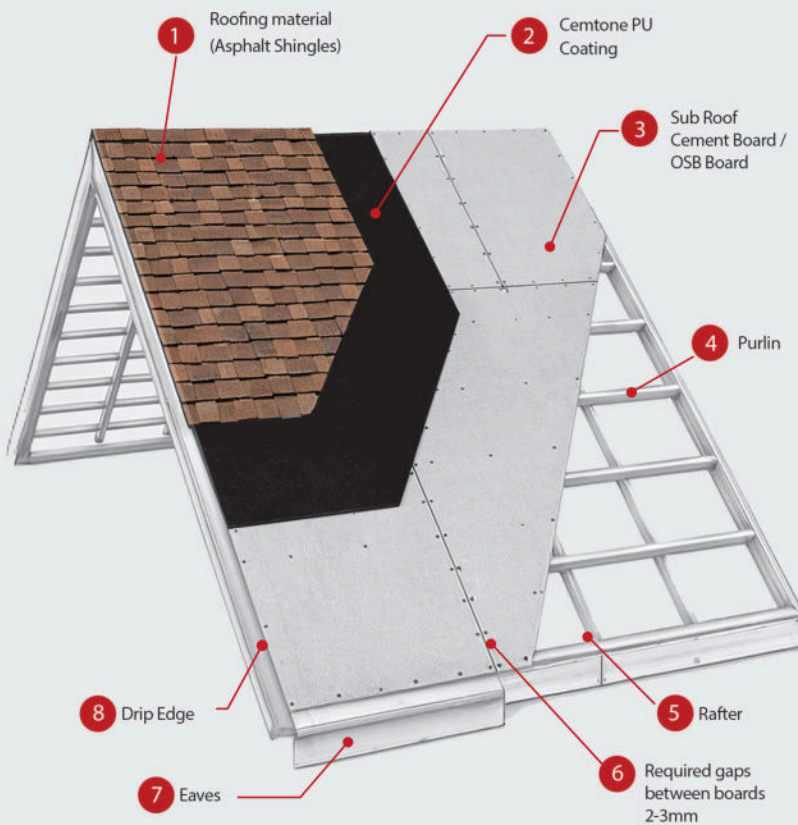


NOTE: These recommendations are provided as general manufacturer guidance. All site installation work should be carried out in accordance to engineer specifications.



CEILING

Board Application



SUB ROOF

Thickness

- 9–15 mm: Recommended for general applications.

Stud Framing

- Galvanized or steel framing, as required (or as specified by the project engineer).

Spacing / Installation

- As per requirement (or as specified by the project engineer).

Fastening

- Apply mesh tape over all board joints.
- Fill all joints and screw holes with Cemtone Putty* (recommended).
- Drill pilot holes before installing screws.
- Maintain a screw spacing of 200–300 mm along the board edges.
- Maintain a screw spacing of 300–400 mm in the central area of the board.
- Position screws 75 mm from each corner and 30 mm from the board edge.

Coating

- Clean the surface with a damp cloth before applying the coating.
- Apply Cemtone PU Coating* (recommended).

CEILING

Thickness

- 6–9 mm: Recommended for general applications.

Stud Framing

- Galvanized or steel framing, as required (or as specified by the project engineer).

Installation

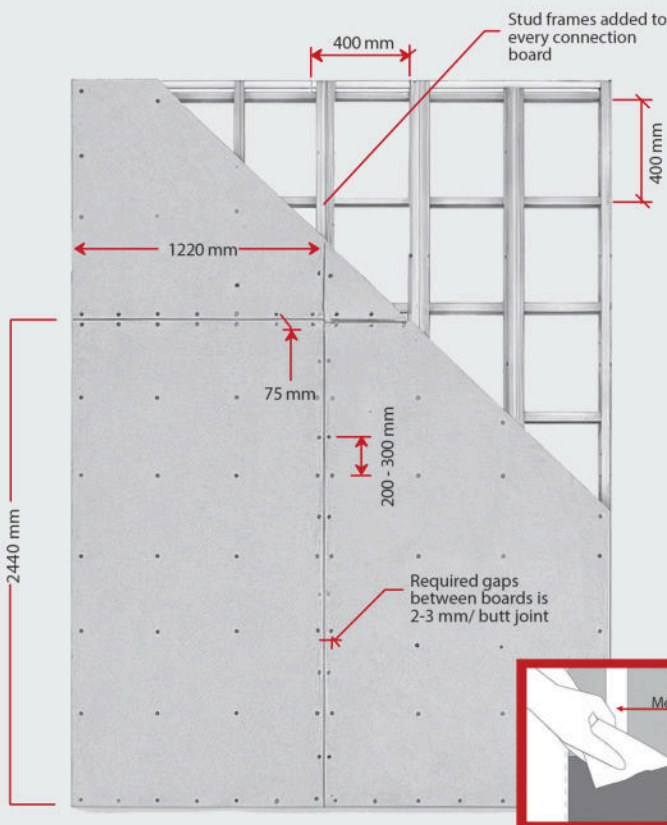
- Frames placed on every 400 ± 10 mm to 600 ± 10 mm.
- Position each board so that the joint is centered on the stud frame.
- Maintain a 2–3 mm gap between boards / butt joints, or as specified by the project requirements.

Fastening

- Apply mesh tape over all board joints.
- Fill all joints and screw holes with Cemtone Putty* (recommended).
- Drill pilot holes before installing screws.
- Maintain a screw spacing of 200–300 mm along the board edges.
- Maintain a screw spacing of 300–400 mm in the central area of the board.
- Position screws 75 mm from each corner and 30 mm from the board edge.

Painting and Coating

- Clean the surface with a damp cloth before painting.
- Apply Cemtone Primer* (recommended).
- Apply 100% acrylic paint.
- For a glossy finish, apply at least two coats of semi-gloss acrylic or polyurethane paint.

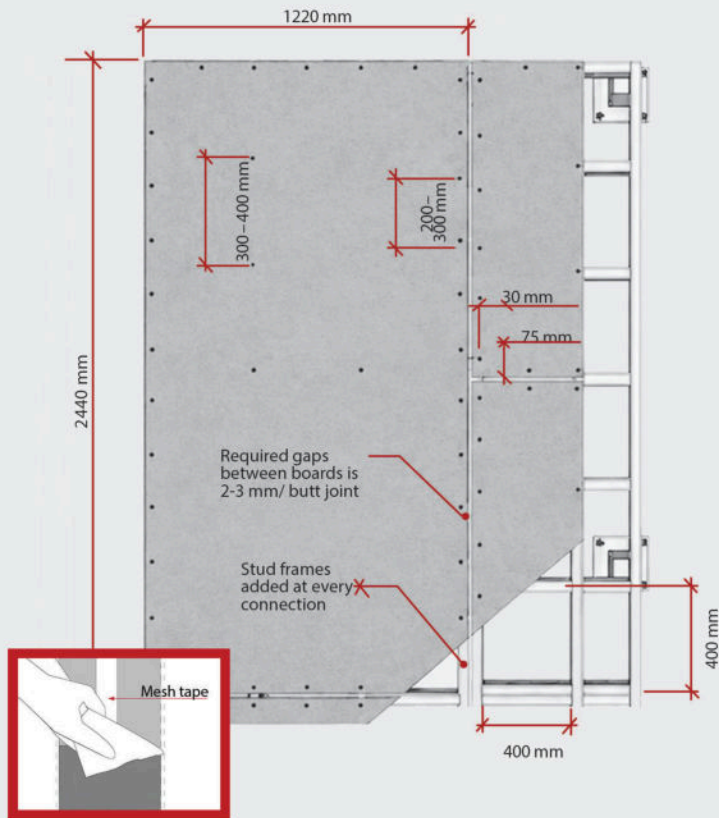


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FLOOR

Board Application



INTERNAL / EXTERNAL FLOOR

Thickness

- 12–24 mm: Recommended for general applications.

Stud Framing

- Galvanized or steel framing, as required (or as specified by the project engineer).

Spacing

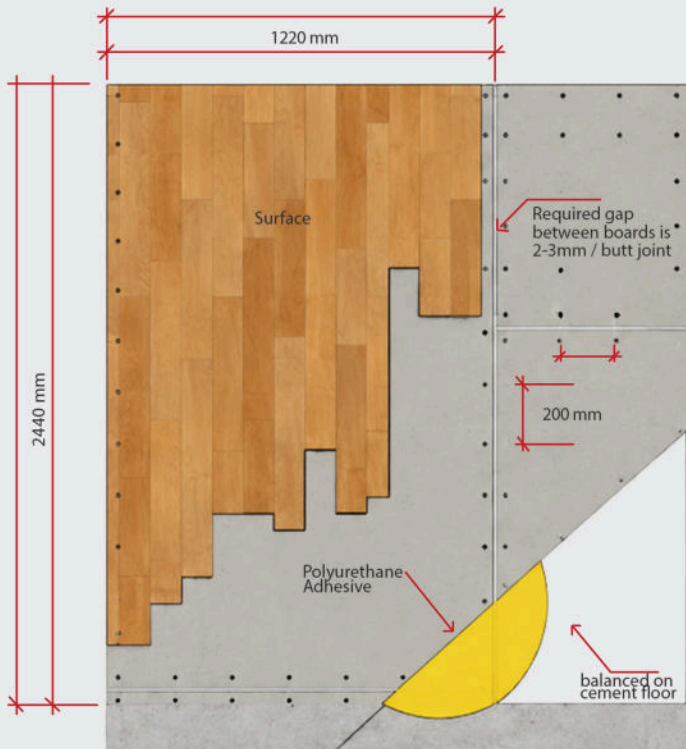
- Frames placed on every $400 \pm 10 \text{ mm} \times 400 \pm 10 \text{ mm}$ (or as specified by the project engineer).

Installation

- Position each board so that the joint is centered on the stud frame.
- Install the boards in a 1:2 staggered pattern.
- Maintain a 2–3 mm gap between boards / butt joints, or as specified by the project requirements.
- Provide a stud frame at every board joint.

Fastening

- Apply mesh tape over all board joints.
- Fill all joints and screw holes with Cemtone Putty* (recommended).
- Drill pilot holes before installing screws.
- Maintain a screw spacing of 200–300 mm along the board edges.
- Maintain a screw spacing of 300–400 mm in the central area of the board.
- Position screws 75 mm from each corner and 30 mm from the board edge.



FLOOR UNDERLAY (CEMENT FLOOR)

Thickness

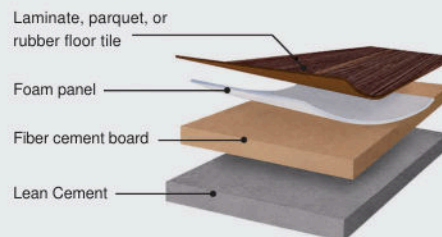
- 9–12 mm: Recommended for general applications.

Installation

- Place the board evenly on the cement floor.
- Install the boards in a 1:2 staggered pattern.
- Maintain a 2–3 mm gap between boards / butt joints, or as specified by the project requirements.

Fastening

- Use concrete nails along the board to join the board with the concrete.



NOTE: These recommendations are provided as general manufacturer guidance. All site installation work should be carried out in accordance to engineer specifications.



CERTIFICATIONS



IMPORTANT NOTE

Cemtone Fibre Cement Boards are manufactured to the highest quality standards, delivering reliable performance, durability, and consistency across a wide range of construction applications. We are committed to provide accurate technical information and product support. However, users are responsible for ensuring that the product is suitable for their specific application and that it is installed in accordance with the recommended installation practices for optimal results. All recommendations and suggestions regarding the use of these products are provided without guarantee.

* Seperate TDS is available on request.

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Made in Pakistan