

FLEXBOARD®

Chrysotile Fiber Cement Board
The Superior Plywood Substitute



FIRE-PROOF
WATER-PROOF
TERMITE-PROOF
RUST-PROOF
NON-CORROSIVE
WARP-PROOF
DURABLE
EASY-TO-USE
ECONOMICAL
NO REFINED
SILICA SAND



Excellent for WALLS, CEILINGS & CLADDINGS

THE PRODUCT

FLEXBOARD is a flexible, high strength chrysotile fiber cement board used for construction of walls, ceilings, claddings and eaves. Due to its versatility, it can be used through your building as a lining material for wet areas as well as for dry areas. The ingenious qualities of fiber cement make **FLEXBOARD** a superior plywood substitute.

BASIC COMPOSITION

Flexboard is manufactured in accordance with the highest product standard and quality control measures that the company is known for. It is manufactured from a homogenous mixture of Portland cement, chrysotile fiber, cellulose, and water. **Flexboard** does not contain *refined silica sand*.

DIMENSION

| | | |
|--------------------|---|-----------------|
| Standard Width | : | 1,220 mm (4 ft) |
| Standard Length | : | 2,440 mm (8 ft) |
| Standard Thickness | : | Standard Weight |
| 3.2 mm | | 12.80 kg. |
| 4.5 mm | | 18.00 kg. |
| 5.0 mm | | 20.00 kg. |
| 6.0 mm | | 24.00 kg. |
| 9.0 mm | | 36.00 kg. |
| 12.0 mm | | 48.00 kg. |
| 16.0 mm | | 64.00 kg. |
| 18.0 mm | | 72.00 kg. |

Tolerance:

| | | |
|--------------|---|----------|
| Length/Width | : | ± 4.0 mm |
| Thickness | : | + 0.2 mm |

Other sizes are available upon request.

PHYSICAL PROPERTIES

| | | |
|-----------------------|---|----------------------------|
| Density | : | 1.34 gm/cm ³ |
| Flexural Strength | : | 250 kg/cm ² |
| Modulus of Elasticity | : | 112,500 kg/cm ² |
| Impact Strength | : | 1.94 KJ/m ² |

FIRE RESISTANCE

British Standard BS476 Parts 5, 6 & 7

Part 5 : Test of ignitability-Designated as P (passed)

Part 6 : Fire Propagation-Passed: Satisfies requirement

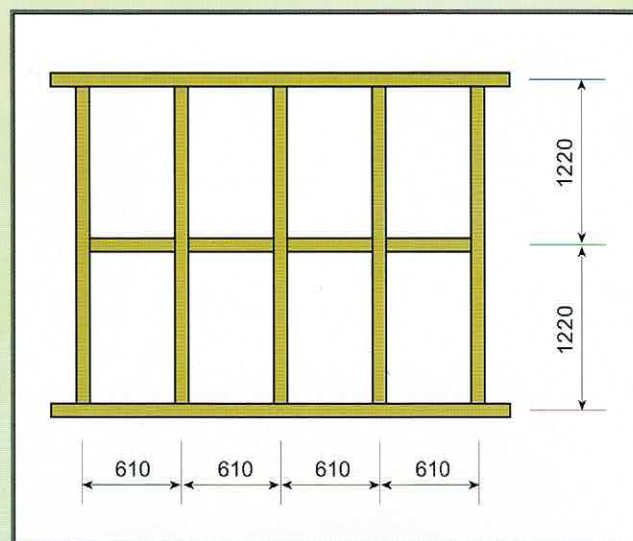
Part 7 : Surface spread of flame- Class 1

WALL PARTITIONS

Combining **Flexboard** sheets with light metal or wooden studs for partitions is a dry work technique which is used worldwide. This versatile construction system is popular because of its simplicity and therefore short installation time.

INTERNAL PARTITIONS

For internal partitions, vertical studs/profiles are installed at 610mm on centers maximum while horizontal tracks/ profiles are installed at 1220mm on centers maximum.



EXTERNAL PARTITIONS

For external or heavy traffic partitions, vertical studs/profiles are instead installed at 406mm on centers maximum while horizontal tracks/profiles are installed at 1220mm on centers maximum.

TILE BACKING

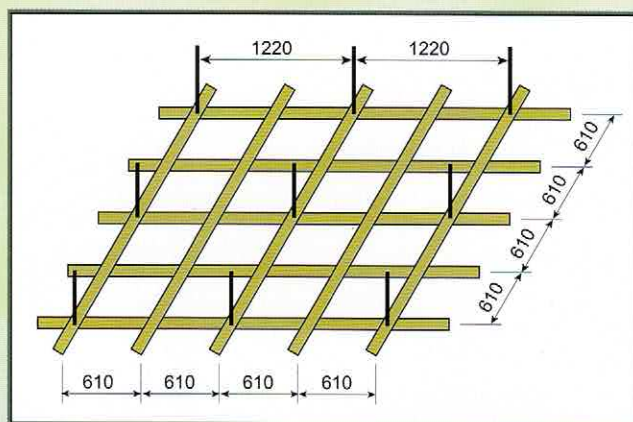
For tile backing applications, vertical studs/profiles are installed at 610mm on centers maximum while horizontal tracks/profiles are installed at 1220mm on centers maximum. Ensure that minimum 6mm thick **Flexboard** is used and the board is installed with the rough surface facing outwards. Use only building adhesives formulated for tiles.

CEILING SYSTEMS

Flexboard ceiling will withstand high variations in temperature and humidity. It can be installed with flush joint finish, V-cut finish, or open joint finish.

C-60 SYSTEM

Ceiling frames (Light steel furrings or wooden battens) should be spaced at no more than 610mm by 610mm on centers. **Flexboard** sheets may be laid out in a "straight joint" pattern or in a "staggered" pattern where adjacent butt joints are not located on the same framing members.



FLEXBOARD-LITE

Quality ceilings need not be expensive. **Flexboard-lite** is a flexible and high strength fiber cement board that is ideal for both interior and exterior ceilings. It is made of only the highest quality raw materials to ensure excellent performance. It does not contain **refined silica sand**. It is very durable and yet very affordable.

Flexboard-lite is 3.5mm thick x 1.22m (4') x 2.44m (8') size board. It comes in natural cement gray color with one-side smooth surface. It is fire-proof, water-proof and termite proof. It has passed the fire resistance test in accordance to British Standard (BS) 476 Part 5, 6 & 7.

Flexboard-lite is definitely your solution to quality and affordable ceilings.

WORKABILITY

The strength and flexibility of **Flexboard** ensure excellent workability. No extra skills or special tools to work with are needed. **Flexboard** is easy to nail, cut, screw, drill and plane using ordinary carpenter's tools. It can be beveled, V-cut and decorated with wall paper and tiles. It can also be painted on to give **Flexboard** a first class finish.



WALL PAPERED



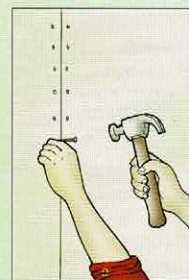
CAN BE PAINTED



CAN BE SAWED



TILE BACKING



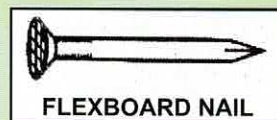
CAN BE NAILED



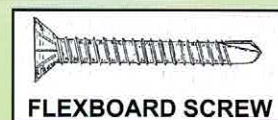
CAN BE PLANED

FASTENING

Nails or screws are installed not more than 200mm apart but not less than 12mm from edges.



FLEXBOARD NAIL



FLEXBOARD SCREW

PAINTING

Flexboard is very easy to paint on. Use only high quality paint products (Latex, Acrylic or Enamel) with at least 2 coats to finish. For better results, apply one coat concrete sealer before topcoat. Painting methods such as brush, rollers or spraying are ideal to give it a *classy finish*.

ETERBOARD

WALL PLANKS and FASCIA BOARDS

ETERBOARD is a durable and high strength chrysotile fiber cement wall plank and fascia board. The inherent qualities of **ETERBOARD** are fire-proof, water-proof, termite and vermin proof and warp-proof. It does not contain **refined silica sand**. **ETERBOARD** can withstand extreme weather conditions which makes it very ideal for exterior applications. **ETERBOARD** is very easy to install and paint. With these characteristics, **ETERBOARD** surely gives you lasting beauty and durability.

DIMENSIONS

| | |
|--------------------|------------------------------|
| Standard Thickness | : 9 mm, 12 mm |
| Standard Width | : 6", 8", 10", 12", 14", 16" |
| Standard Length | : 8 ft, 10 ft, 12 ft |

Also Available:

| | |
|-----------|----------------------|
| Thickness | : 16 mm, 18 mm |
| Length | : 8 ft |
| Width | : As per requirement |

| Thickness | Weight/m ² |
|-----------|-----------------------|
| 9.0 mm | 12.00 kg. |
| 12.0 mm | 16.00 kg. |
| 16.0 mm | 21.48 kg. |
| 18.0 mm | 24.16 kg. |

Other sizes are available upon request.

PHYSICAL PROPERTIES

| | |
|-----------------------|------------------------------|
| Texture | : One Side Smooth |
| Color | : Cement Gray |
| Density | : 1.34 gm/cm ³ |
| Flexural Strength | : 250 kg/cm ² |
| Modulus of Elasticity | : 112,500 kg/cm ² |
| Impact Strength | : 1.94 KJ/m ² |

FIRE RESISTANCE

British Standard BS476 Parts 5,6 & 7

Part 5: Test of ignitability - Designated as P (passed)
Part 6: Fire Propagation - Satisfies requirement
Part 7: Surface spreads of flame - Class 1

FASTENING & PAINTING

Eterboards can be fastened to wooden or metal frames using Eterboard screws. The screws are installed at not less than 12mm from the edges. In painting Eterboards, use only high quality paint products (Latex, Acrylic or Enamel) with at least 2 coats to finish.



MANUFACTURED BY:



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