

Flatboard

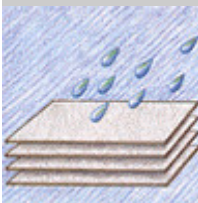

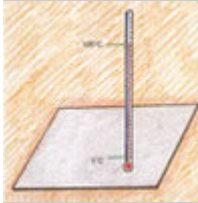
Superflex is a smooth surfaced asbestos-free, cellulose fibre reinforced cement building board. Autoclaved, it is tough and flexible, and is the ideal choice for many general building purposes, both internally and externally.

Superflex won the FMM award for "Product Excellence" when it was launched in 1985. Unsurpassed for economy and ease of working, Superflex is as durable as it is adaptable.

Available in a range of stock lengths, widths and thicknesses, it is ideal as cladding for walls, ceilings, porches, gable ends, partitions and permanent formwork.

A versatile board, Superflex will not burn, rot, split or swell and is not affected by termites, insects or vermin under normal conditions. It can be cut, drilled, nailed and worked in similar fashion to timber and chipboard, but offers a much longer life performance.

General Product Information

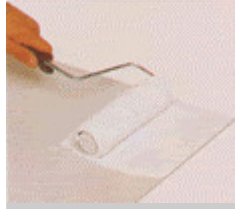
Basic Composition:	Fire Resistance:	Moisture Content:
 <p>Portland cement, refined sand, cellulose fibre and water.</p> <p>Durability: It is autoclaved, resistant to water penetration, will not rot and is unaffected by termites, insects and vermin.</p> <p>For applications within normal specifications, the life span of the product is limited only by the durability of the supporting structure and the materials used in fixing.</p>	<p>Superflex board will not burn.</p> <p>It has the following:</p>  <p>(a) Early Fire Hazard Indices as tested to AS 1530 Part 3 - 1982 Ignition</p> <p>Index.....0 Frame Spread.....0 Heat Evolved Index.....0 Smoke Developed Index.....0</p> <p>(b) Uniform Building By Laws 1984 Class "O" (c) BS 476 Part 6 (fire propagation) Index of Performance (I) = 1.1 to 2.8 Sub-index (i) = 0.2 to 1.6 (d) BS 476 Part 7 (surface spread of flame) Characteristics - Class (1)</p>	<p>Approx. 9% dry mass at ambient temperature (27°C + - 2°C) and relative humidity (65% - 95%).</p>  <p>Thermal Conductivity Estimate at 40° 0.41 W/m°K</p> <p>Flexural Strength: Along Direction of Sheet: Oven Dry 16 MPa Saturated 9 MPa Across Direction of Sheet Oven Dry 24 MPa Saturated 17 MPa Average (Along & Across) Oven Dry 20 MPa Saturated 13 MPa</p>

Handling and Storage

Boards should always be stacked flat on a smooth level surface. Edges and corners should be protected from chipping.

Timber blocks may be used as supporting surface provided a smooth flat surface is ensured as shown in diagram.

To ensure optimum performance store sheets undercover and keep dry prior to fixing. If the sheets should become wet, allow to dry thoroughly before fixing is commenced.



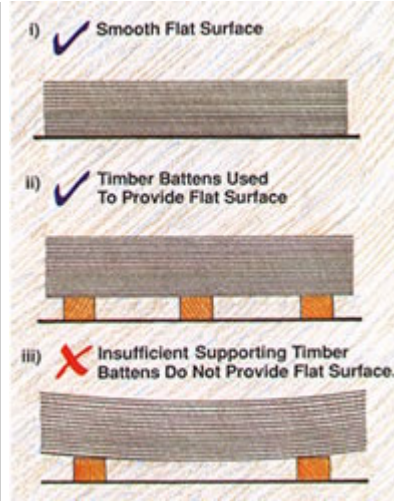
Painting

For excellent results,

Superflex board may be painted with water based acrylic paints.

No additional primers or sealers are required.

In all cases reference should be made to the paint manufacturer's instructions.



Product Information

Stock Sizes and Packing

Stock sizes available range from 3.2mm to 24.0mm in thickness and are supplied in standard packs of approx. 1.8 tonnes gross weight.

The number of boards per standard pack for the range of thickness and standard sizes available is shown.

	Dimensions in mm			Dimensions in mm		
	2440 x 1220	1220 x 1220	1220 x 610	2440 x 1220	1220 x 1220	1220 x 610
	Weight of Board (Approx kg)			Boards Per Standard Pack		
3.2mm	13.4	6.7	3.4	125	250	500
4.5mm	18.9	9.4	4.7	100	200	400
6.0mm	25.2	12.6	6.3	75	150	300
7.5mm	31.5	15.7	7.9	-	-	-
9.0mm	37.6	18.8	9.5	-	-	-
12.0mm	51.8	25.9	12.9	-	-	-
18.0mm	77.7	38.8	19.4	-	-	-
24.0mm	103.6	51.8	25.9	-	-	-

Mass

The mass of Superflex 6.0mm (based on Equilibrium Moisture Content) is approx. 8.5kg/m²

Framing

Superflex boards are suitable for fixing to timber or metal framing.

Boards fixed to metal framing should be of minimum 6.0mm thickness.

Framing should be constructed in accordance with local building regulations and acceptable building practice. Studs should be spaced at 605mm centres.

The maximum distance between noggings is 1220mm.

Metal Frames

Metal framing members should be fabricated from light gauge sheet metal 1.2 or 1.6mm thick.

Superflex board must be fixed directly to drawn steel or hot rolled steel sections which first be lined with timber battens of suitable thickness or light gauge steel framing members.

Insulation

Where foil insulations is used as a climate control and moisture barrier, it should always be fixed to the outer side of the stud in the framework.

Fasteners

Nails (for fixing to timber frames)
Galvanised Wire Nails

25mm long for hardwood
30mm long for softwood.

Screw (for fixing to metal frames)
deutscher "Teks" Self-embedding head - No. 8 x 25mm