

# Protectoboard

## Waterproof Membrane & General Protection Sheet

### Description

A high impact resistant, UV stabilised, extruded thermoplastic sheeting material. Its unique multi-fluted design gives increased strength, impact, puncture and damage resistance.

### Uses

Chemind Protectoboard is specially designed for protection of all Chemind liquid tanking membrane systems, as well as for Grace Bituthene<sup>®</sup> self-adhesive sheet and Procor<sup>®</sup> membranes.

It provides excellent damage protection and uninterrupted drainage to basement or lift pit walls, retaining walls, planter boxes and landscaped podium decks.

Chemind Protectoboard is also widely used to prevent damage of carpet, marble flooring, vanity tops, kitchen benches as well as lift walls and floors, during construction.

### Features

- Exceptional resistance to impact damage and site abuse.
- Economical in material and installed labour costs.
- Light weight, easy to transport & handle.
- Does not apply a shear load to vertical membrane surfaces.
- Simple adhesive or tape fixing – no props or membrane damaging nails & pins are required.
- Does not absorb water or rot like some foam protection sheets.
- Protects membrane by absorbing impact.
- Conforms readily to most irregular surfaces, curved walls, columns etc.
- Suited to horizontal & vertical surfaces.
- Contains no bitumen, asbestos or phenol.
- Non-toxic to plant root systems.

### Typical Properties

Colour	Black (or limited colours)
Structure	Extruded Fluted Polypropylene Sheet
Chemical Resistance	Excellent
Elongation (ASTM D638)	> 100%
Hardness (ASTM D648)	> 85 Shore D
Fungus Resistance	Excellent
Crush Strength	> 10 MT/m <sup>2</sup>
Thickness	3 mm approximately

### NOTE

Heavy-duty grades of Protectoboard are available on request to meet all special application or service requirements

### Preparation

Waterproofing membranes must be carefully inspected to insure that there are no signs of damage. Only the waterproofing contractor should repair damage before Chemind Protectoboard placement proceeds.

### Application

- To the clean membrane surface, install Chemind Protectoboard sheets. Cut, score, bend fit or otherwise apply to the membrane surface.
- Hold in place with adhesive compound, waterproof adhesive tape or use Grace Bitustik<sup>®</sup> Tape, pressure sensitive strip.
- Adhesive materials should be applied at approximately 300-500 mm centres as required to hold the Chemind Protectoboard in position.
- Butt join sheets to give a neat finish. Joints may also be sealed with PVC waterproof tape to facilitate the protective function of the waterproofing system.

- Use Chemind Rendaflash PVC cover strip as a top edge detail, fixed at approximately 300-500 mm centres. Do not allow mechanical fasteners to penetrate or damage the waterproof membrane. Chemind Rendaflash provides a clean edge for render or paint finish. Refer any unusual or specific application requirements to Chemind Construction Products Technical Dept.
- Protectoboard may also be over-flashed with a 150 mm strip of Chemind Newflex membrane with Chemind Reinforcing Fabric fully incorporated within it.
- Protectoboard is used with Chemind Rapid-Drain to protect and facilitate drainage to waterproof tanking.

## Coverage

Each sheet of Protectoboard will cover approx. 2.23m<sup>2</sup>. Allow 5% wastage for cutting and loss.

## Packaging

Chemind Protectoboard is supplied in sheets 1.83 m x 1.22 m.

## Storage

As Protectoboard is very lightweight, it should be stored in a protected area or weighted to prevent displacement by high wind. It is otherwise unaffected by short or medium term exposure to the elements.



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