

### INSTALLATION

#### Single Sided Impax Board:

For internal wall and ceiling linings, Impax Board manufactured from a single sheet of fibre cement bonded to a sheet of Zincanneal of specified thickness, may be fixed direct to timber or metal framing. In the case of an existing wall or ceiling, sheeted with either fibre cement or plasterboard, single sided Impax Board may be fixed directly over the existing sheeting as detailed below. The existing framing structure must be checked that it will support the additional weight of the new layer.

#### Double Sided Impax Board:

For external walls of a building, sheets must be manufactured from a fibre cement sheet bonded each side to a sheet of Zincanneal of the specified thickness. The sheet will be pressure laminated in a factory environment strictly as per manufacturer's quality controlled process. The purpose of double sided sheets in this application is to provide a stable panel which will not distort under varying ambient surface temperatures on either side of the panel.

#### Framing:

Recommended framing components are timber and or 1.15mm thick galvanised metal, however, variation to this requirement may be granted following engineer approved framing design based on application and system weights per square metre. Wall frame spacing shall be at 600mm maximum centres, ceiling frame spacings at 400mm maximum centres, with additional framing required behind all sheet joints.

#### Fixings:

For timber: 10 x 30mm CSK head Type 17 screws.

For steel: 10 x 30mm CSK head TEK or Drill Point screws.

#### Fixing Spacing:

All sheets are to be fixed at 200mm centres around sheet perimeter, with minimum 15mm edge clearance, and at 400mm centres through the field of the sheet. All sheets are to be pre-drilled with a pilot hole 1.0mm oversize of the nominated screw.

#### Treatment of Screw Heads:

All screws are to be countersunk and filled with Megapoxy P1, Megapoxy PM or similar and sanded flush.

#### Cutting:

It is recommended that as much cutting as possible be carried out with a diamond blade wet cut saw bench in a factory environment. When sheets are site cut, the edge of the cut Zincanneal should be painted with a metal primer.

The blade must cut through the Zincanneal first and then through the fibre cement to minimise delamination.

Pre-drilled and cut to size sheets can be supplied from our factory by arrangement.

#### Site Storage:

All material delivered to site is to be stored out of the weather in a dry and level location until installation is completed.

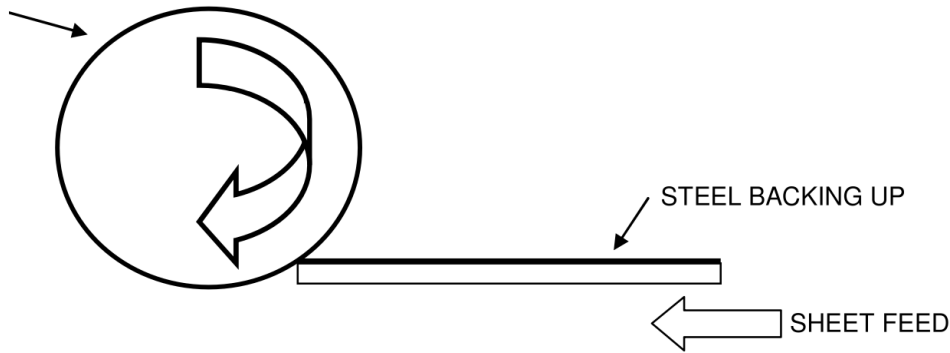


# IMPAX SECURITY BOARD

## INSTALLATION GUIDE

### Impax Board Cutting Recommendations:

#### SAW BLADE CUTTING IN A CLOCKWISE DIRECTION



Cut at slow speed with a diamond blade on a wet table saw as shown.

Blade must cut through the steel sheet first and then the fibre cement sheet (which is much softer.)

Experience has proven that cutting through the fibre cement sheet first, then the steel sheet will promote bond separation at the cut edge due to the hammering effect of the blade on the sheet.