

# PROCTOR A1 CEMENT BOARD

## user guide for external applications

### INSTALLATION

#### General

Proctor A1 Cement Board is an A1 non-combustible external grade 'score and snap' cement board with mesh reinforced facings. For use on steel or timber frame wall applications.



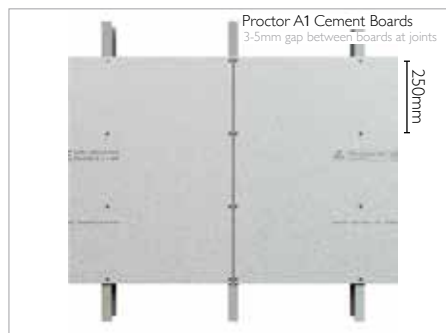
Proctor A1 Cement Board

#### Preparation

Proctor A1 Cement Boards can be fixed to either timber or metal framing. Ensure that the framing is fixed to the structure securely using suitable fixings. Depending on loadings applied to the board and background additional support, noggins or reduced centres may be required.

Once the desired dimensions have been marked on the Proctor A1 Cement Boards using a sharp knife, score the board to one side ensuring that the mesh is cut.

Bend and snap along the initial cut and then using the knife cut through the mesh on the



Proctor A1 Cement Boards layout

reverse.

For services and pipework a hole saw with a diameter 10mm larger than the penetration can be used. The gap around the services should then be sealed using Wraptite® Liquid Flashing or proprietary collar.



Score and snap method for cutting

Proctor A1 Cement Boards can be curved to a radius of 2 metres. The Proctor A1 Cement Boards should be curved prior to installation.

Additional support or reduced centres of

the framing may be required dependant on the desired radius of the curve. During installation on curves fine cracks may appear in the surface and core of the board. These will not adversely affect the performance of the system.



Score and snap method for cutting

#### Fixing Board

Once the Proctor A1 Cement Board has been cut to size if required, offer up the board in the horizontal position with framing members at maximum 600 mm centres. At vertical board edges ensure that the Proctor A1 Cement Board is located on the centre line of the framing member:

Use recommended fixings to fix the board to the framing members.

SFS - minimum 45mm length, 4.8mm carbon fixing suitable for fixing into steel sections from 0.7mm to 3.00 in thickness.

Timber - Minimum 50mm length, 4.8mm carbon fixing. For more information, please contact the technical department.

### TECHNICAL ADVICE

The A. Proctor Group has a dedicated Technical Department which can deal with installation details, view drawings for approval and give specialist advice on the correct use of the A. Proctor Group products.

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THERMAL SOLUTIONS  
GROUND GAS PROTECTION

When fixing adjacent boards ensure that there is a 3-5mm gap between boards. Screws should be at least 15mm in from the edges of the Proctor A1 Cement Board. Screws are placed at 250 mm centres horizontally and 600mm centres vertically to coincide with stud. Full sized boards should have approximately 30 fixings / board.

When installing Proctor A1 Cement Board to windows, doors and openings it is imperative to ensure that there are no board joints that coincide at corners. This may allow moisture ingress in these locations.

### Taping

Once the Proctor A1 Cement Board has been installed, it is important to make the construction weathertight by applying Wraptite Tape over the joints, or by using Wraptite membrane over the full façade.

Spot the screw heads with Wraptite Liquid Flashing or cover with Wraptite Tape, if required.

For external corners, reveals and openings apply Wraptite Liquid Flashing then firmly embed a suitable corner profile, scrape off excess Wraptite Liquid Flashing and then cover. Alternatively apply additional Wraptite Tape along the edges.

Allow Wraptite Liquid Flashing to set for a minimum of 24 hours. For membrane installation guide please see website, [www.proctorgroup.com](http://www.proctorgroup.com).

### Storage

- Boards should be received in a dry state on pallets protected from weather with plastic sheeting or similar.
- Boards should be stored on flat, dry pallets elevated on skids/battens sufficiently from ground level to prevent board wetting.
- If boards are stored on site for a long period of time they should be kept under cover/indoors if possible.

### Handling

Board should not be carried flat as risk of breaking. 2 man handling required.



Wraptite Tape used to seal gaps between external sheathing boards.



Wraptite vertically installed over Proctor A1 Sheathing Board



Service penetration through the boards, sealed with Wraptite LF



### Disclaimer

The contents of this installation guide are provided by A. Proctor Group Limited (APG) in good faith for general information purposes only. The statements and data contained in this guide are not specific technical recommendations as to any particular design or application. APG give no warranty and accept no liability for its contents and the ultimate determination as to product suitability is the sole responsibility of the installer or end user. APG strongly recommends following the installation guidelines and the relevant Codes of Practice which are correct at the time of publication and results may vary depending on the particular design/and or application.

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