

PROCHECK® A2

user guide



PROCHECK A2

Procheck A2 air and vapour tight membrane improves energy efficiency and reduces the risk of condensation. Procheck A2 is a laminated glass fibre and foil composite protected by a clear lacquer. This clear coating gives the membrane the unique additional benefit of a low emissivity surface which, when used with a service cavity, can enhance the overall thermal performance of the construction, as well as providing a reaction to fire classification to A2 - s1, d0.

- Reaction to fire classification to A2 - s1, d0
- Water vapour diffusion tight
- Low emissivity surface <0.05
- Reinforced to withstand tough site conditions

Installation of Procheck A2

Attention to Detail: Any Vapour Control Layer (VCL) needs to be a well-sealed continuous layer. Care should be taken to seal all laps, penetrations, perimeters, junctions, and accidental punctures. Ensure substrate surfaces are as clean, dry and dust-free as possible before beginning installation.

Weather Conditions: Securing lightweight membranes in windy conditions may result in a poor-quality installation. Appropriate precautions should be taken during installation.

Accessories: Procheck FR Tape

Mechanical Fixings: The fire performance of mechanical fixings should be taken into account if required. See Table 1 for suggested mechanical fixing options according to the substrate. Place fixings at 1.0m - 1.5m centres. If blown insulation is to be used, reduce fixing

centres to 0.5m - 1.5m.

Penetrations/Opening: VCLs should be cut and neatly formed around openings and penetrations. The membrane should be made air- and vapour-tight by sealing the opening with Procheck FR Tape.

Puncture Damage: For through-membrane punctures, repair with a Procheck A2 patch ensuring the patch extends a minimum of 150mm beyond the puncture edge. Seal patch edges with Procheck FR Tape. For minor scuff-type damage of less than 25mm, Procheck FR Tape may be used alone without a patch.

Delivery & Site Handling: Rolls are supplied to site with a label clearly identifying product name and grade. Rolls should be stored flat or upright on a clean, level surface and kept under cover.

1. Install Procheck A2 so that the reflective printed side (front) is facing the interior of the building.
2. Install horizontally or vertically in an even manner ensuring the membrane is flat against the substrate and without wrinkles. If

installing horizontally, work from bottom to top to ensure overlaps are shingled.

3. Vertical and horizontal overlaps should be min. 150mm. Seal overlaps with Procheck FR Tape
4. Use mechanical fixings to permanently attach the membrane to the underlying substrate/stud/fixing rail. Use an appropriately fire-rated mechanical fixing as required. Seal over the fixings with Procheck FR Tape for enhanced vapour and air tightness.
5. Seal all edges of overlaps and perimeter with Procheck FR Tape.
6. The VCL can be lapped directly to the subfloor, tied into a VCL along the ceiling or to the airtight layer between floors in multi-storey dwellings. If in doubt, please send a detail to the Technical Department for assistance.

Dimensions:

Procheck A2

1.2m x 50m

Procheck FR Tape

75mm x 25m

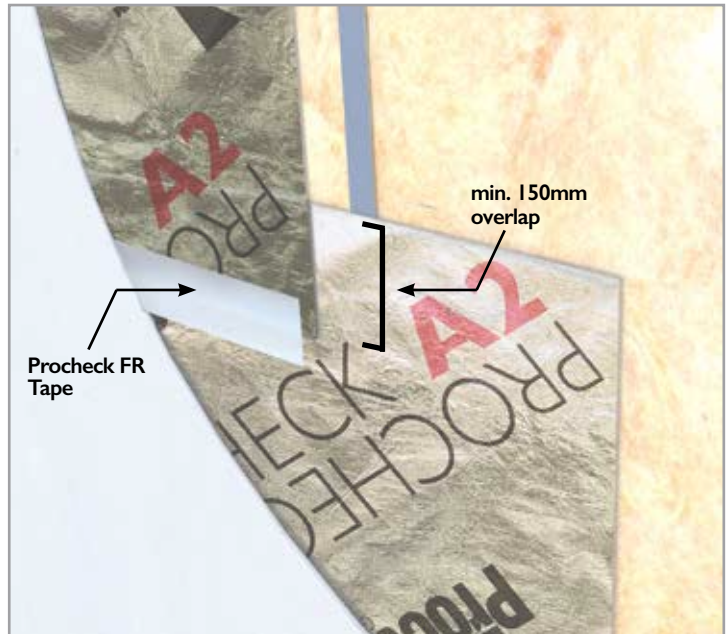
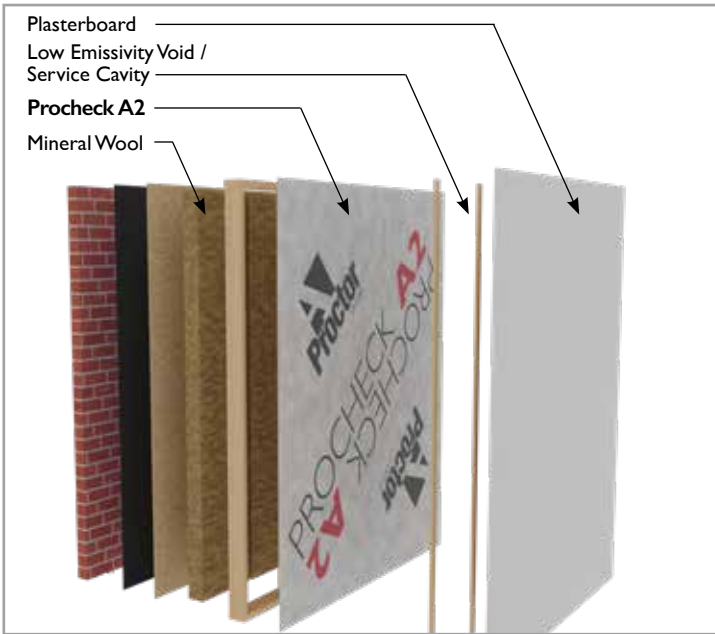
Substrate	Fixing Suggestions (others available)
Concrete	4H 32 I5 EJOT
RCMY-Wall (steel frame behind)	JT3-3-5.5 x 35 S6 EJOT
RCMY-Wall (concrete behind)	4H 45 I5 EJOT
Powder Coated Aluminium to Steel	JT3-3-5.5 x 35 S16 EJOT JT3-3-5.5 x 35 S19 EJOT
Powder Coated Aluminium to Concrete	4H 45 I5 EJOT
Temporary Mechanical Fix to Steel	Stainless Steel Self Drilling Screw JT4 - STS-3-4.8 EJOT or JT3 LT3 5.5 EJOT



Procheck A2: front (L) & reverse (R) sides



Procheck FR Tape



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.

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.

Telephone: +44 (0)1250 872 261
 Facimile: +44 (0)1250 872 727
 email: contact@proctorgroup.com
www.proctorgroup.com

ACOUSTIC SOLUTIONS
 CONDENSATION CONTROL
 GROUND GAS PROTECTION
 THERMAL INSULATION