

PROCHECK® A2

user guide

PROCHECK A2

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 high fire performance with its A2 - s1, d0 fire classification. Procheck A2 air and vapour tight membrane improves energy efficiency and reduces the risk of condensation.

- Fire resistant to A2 - s1, d0
- Water vapour diffusion tight
- Low emissivity surface <0.05
- Reinforced membrane to withstand tough site conditions

Installation of Procheck A2

Attention to Detail: Any Vapour Control Layers (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: Reflectafoil Tape, Multilap 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 100-150mm centres. If blown insulation is to be used, reduce fixing

centres to 50-100mm.

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 Reflectafoil Tape.

Puncture Damage: For through-membrane punctures, repair with Reflectafoil Tape ensuring the Tape extends a minimum of 150mm beyond the puncture edge. For minor scuff-type damage of less than 25mm, Reflectafoil 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:

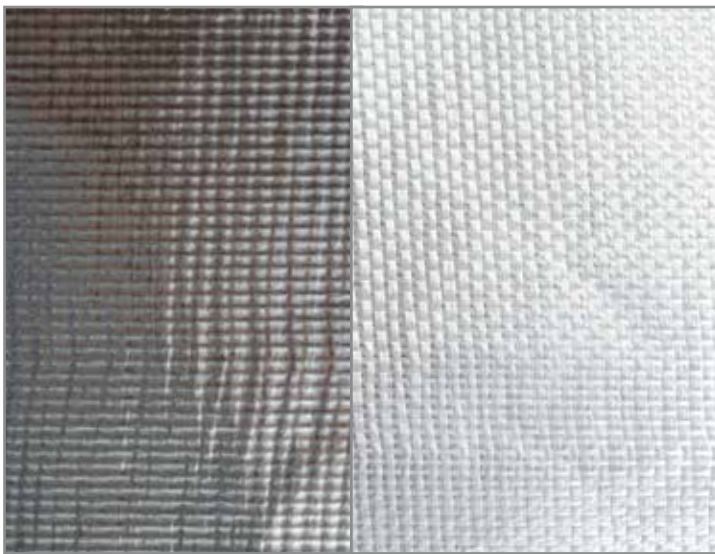
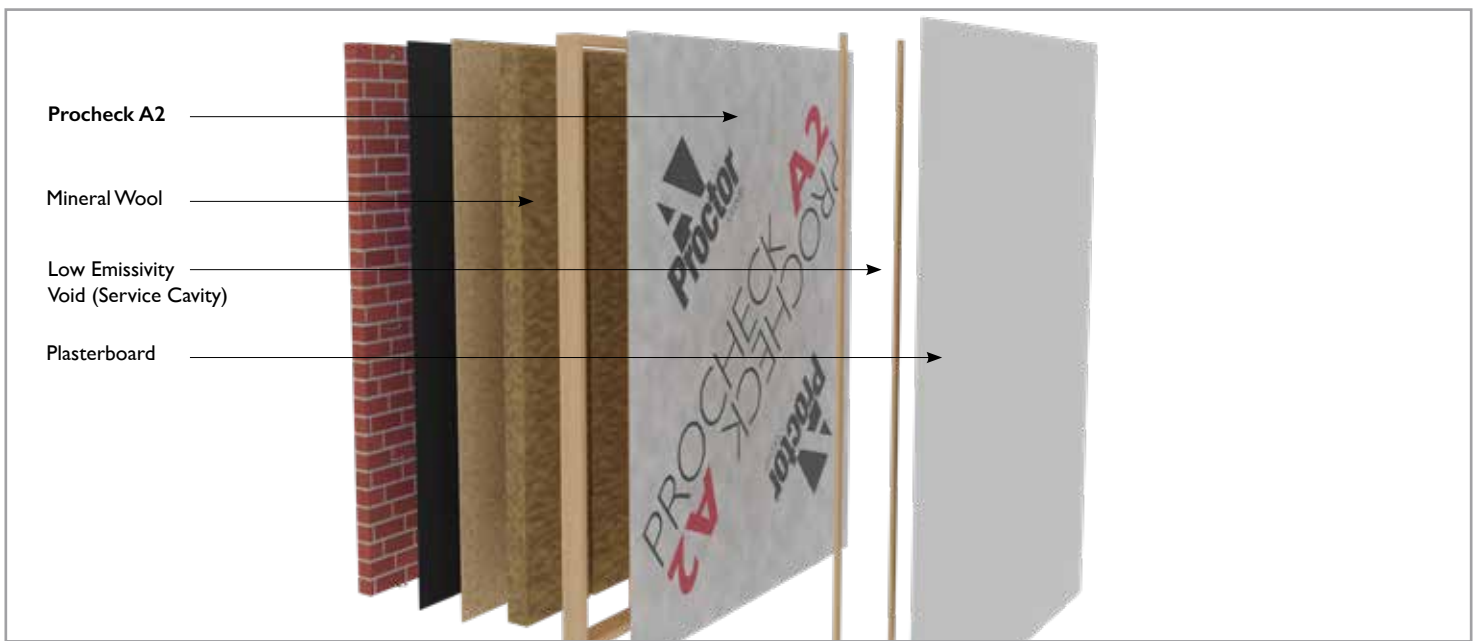
1. Install Procheck A2 so that the reflective printed side (front) is facing the interior of the building.
2. Install horizontally or vertically in an even manner ensuring the membrane is flat against the substrate and without wrinkles. If installing horizontally, work from bottom to

3. top to ensure overlaps are shingled.
3. Vertical and horizontal overlaps should be min. 150mm. Seal between overlaps with Multilap 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 Reflectafoil Tape for enhanced vapour-tightness.
5. Seal all edges of overlaps and perimeter with Reflectafoil 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	1.5m x 50m
Reflectafoil Tape	100mm x 45m
Multilap Tape	60mm x 25mm

Substrate	Fixing Suggestions (others available)
Concrete	4H 32 15 EJOT
RCMY-Wall (steel frame behind)	JT3-3-5.5 x 35 S6 EJOT
RCMY-Wall (concrete behind)	4H 45 15 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 15 EJOT



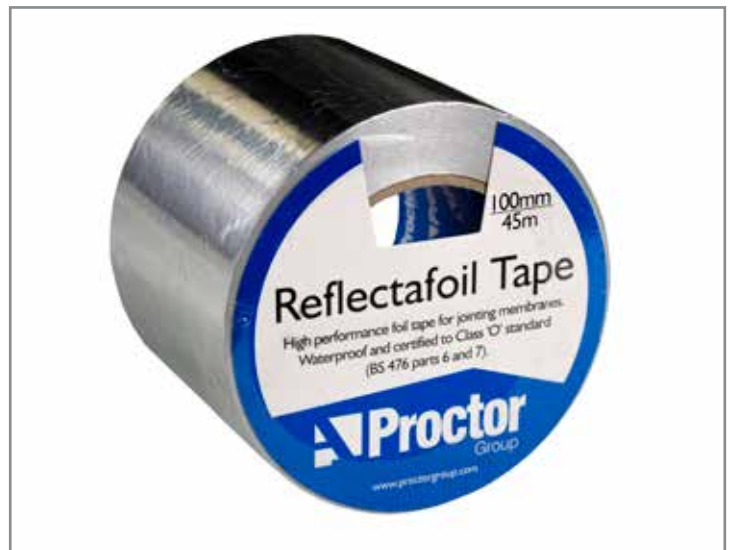
Procheck A2: front (L) & reverse (R) sides

Disclaimer

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Multilap Tape



Reflectafoil Tape

January 2020

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

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