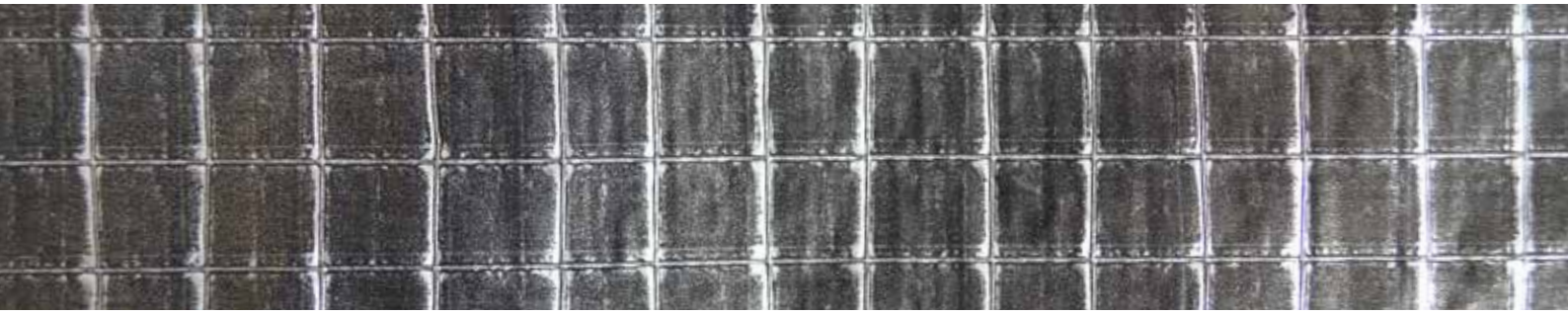
SCAN FOR INSTALLATION ASSISTANCE

# PROCHECK® FR200
## *user guide*



## PROCHECK FR200

Procheck FR200 has a reaction to fire classification of B-s1,d0[1,2] which provides assurance of fire performance to the structure. Procheck FR200 air and vapour tight membrane improves energy efficiency and reduces condensation risk.

- Independent assurance of fire performance (EN 13501-1 Class B-s1,d0)
- Improved energy efficiency
- Reduced condensation risk
- Reinforced to withstand tough site conditions

### Installation of Procheck FR200

**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.
Optional - Probreathe FR Duo Tape for temporary bond to substrate.

**Mechanical Fixings:** The fire performance of mechanical fixings should be taken into account if required. Place fixings at 1000mm centres. If blown insulation is to used, reduce fixing centres to 500mm.

**Penetrations/Openings:** 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 FR200 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.

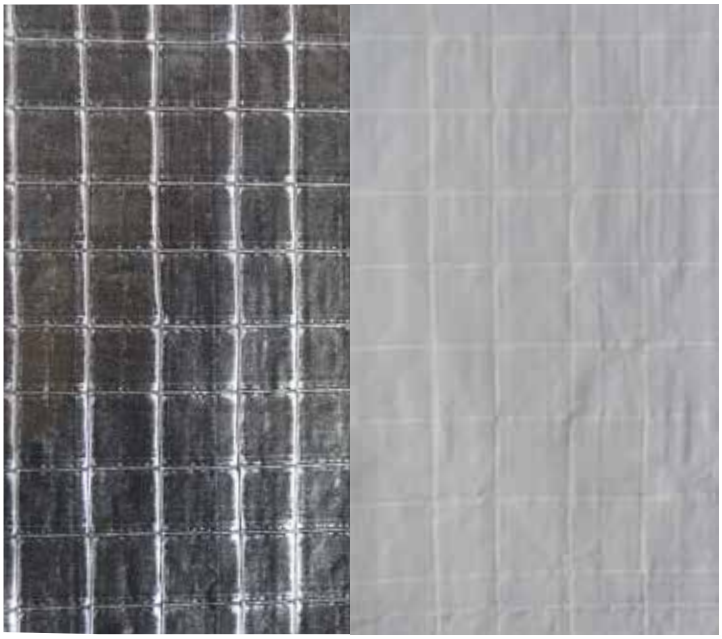
**Delivery & Site Handling:** Rolls are supplied to site with a label clearly identifying product name and grade. Rolls should be stored flat or upright on a clean, level surface and kept under cover.

1. Install Procheck FR200 so that the black laquered side (front) is facing in the direction of the potential fire risk.
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 over edge of lap joints with Procheck FR Tape.
4. Depending on substrate Probreathe® FR Duo Tape may be used to temporarily bond the membrane to the substrate. This can either be as full strips or sections, approx 100mm in length, placed at approx 1000mm centres.
5. Primary fixing will be achieved by the internal linings.
6. Mechanical fixings can be used to temporarily fix the membrane to the substrate. Ensure the fixing is suitable for the substrate and consider use of a wafer or flat head with washer to distribute self weight of the membrane. If installing on a ceiling, either horizontal or inclined, then mechanical fixings, with washer heads, should always be utilised. Use an appropriately fire-rated mechanical fixing as required. Seal over the fixings with Procheck FR Tape for enhanced vapour and air tightness.
7. Seal all edges of overlaps and perimeter with Procheck FR Tape.
8. 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:**

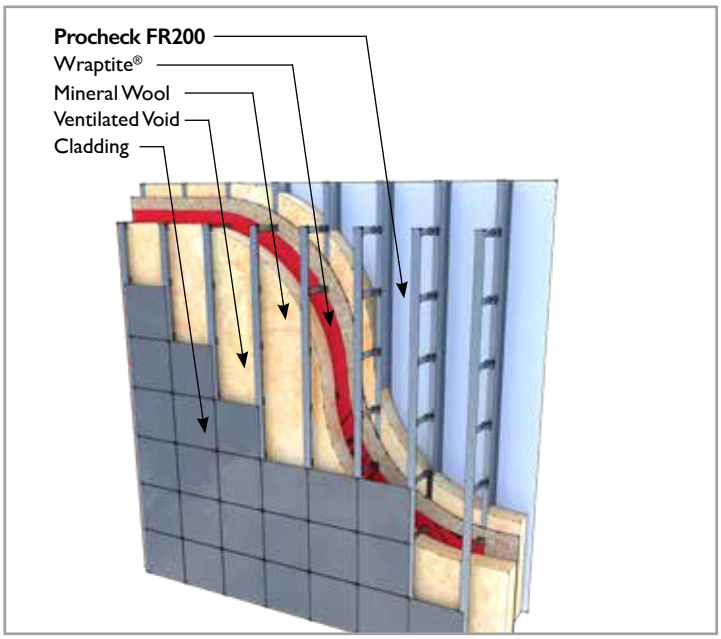
| | |
|---|---|
| **Procheck FR200** | 1.6m x 50m |
| **Procheck FR Tape** | 75mm x 25m |
| **Probreathe FR Duo Tape** | 50mm x 50m |

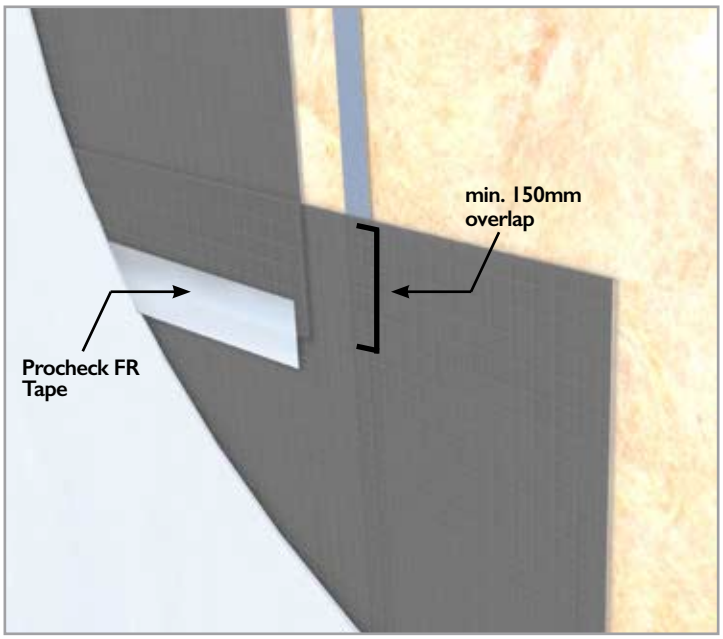
[1] *Tested on 12.5mm paper-faced gypsum plasterboard* [2] *Tested on 25mm standard Rockwool Substrate*



**Procheck FR200:** front (L) & reverse (R) sides

Procheck FR Tape




## Disclaimer

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**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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