



MEMBRANE SPECIFICATION

Colour:
White

Weight:
210 g/m²

Dimensions:
Roll size: 1.5m x 50m

OVERVIEW

Probreathe A2 Air is a woven glass fibre membrane that provides water resistance and breathability to the building fabric. This membrane is air permeable, and will be installed either directly to the sheathing board, or over the insulation, providing a Reaction to Fire classification of A2-s1,d0.

STORAGE & HANDLING

- Store the rolls horizontally in a cool, dry place. Handle the material carefully, ensuring that the membrane is not folded or creased. When unrolling the membrane, ensure that the substrate is clean, dry and free of dust, debris or liquid contaminants.

TOOLS REQUIRED

- Utility Knife
- Measuring Tape
- Scissors
- Clean Cloth
- 50mm Roller
- Smoothing Brush

SUBSTRATE PREPARATION

- Substrate condition is critical for Probreathe Duo adhesion.
- The substrate temperature must be above 5°C.
- Surfaces must be clean, dry and free from all bond-breaking contaminants or sharp protrusions that may hinder adhesion to the substrate.
- Remove any loose dust or dirt from the substrate by wiping with a clean dry cloth or brush.
- Remove and replace any damaged structural wall components.

ACCESSORIES REQUIRED

- Probreathe Duo Tape (50mm x 50m)
- Probreathe FR Tape (75mm x 25m)

PHYSICAL PROPERTIES

According to standard BS EN 13859-2:2010

| | | |
|---------------------------------|---------------|---------------------------------------|
| Composition | | White glass fibre fabric |
| Weight | | 210 g/m ² |
| Reaction to fire* | EN 13501-1 | A2, s1, d0 |
| Water vapour permeability | EN 12572 | Sd = 0.03m |
| Air permeability | EN 12114:2000 | 27m ³ /(h.m ²) |
| Resistance to water penetration | EN 1928 | W2 |
| Width / Length / Thickness | | 1.5m / 50m / 0.23mm |
| Weight / roll | | 15.75kg |
| Accessories: | | |
| Probreathe Duo Tape | | 50mm x 50m |
| Probreathe FR Tape | | 75mm x 25m |

*free-hanging

KEY BENEFITS

- A2 Reaction to Fire Classification
- Vapour permeable membrane for use either directly onto sheathing or over insulation.
- Ideal for use in rainscreen/facade construction
- Suitable for applications over 18m (11m in Scotland)
- Allows temporary protection of the building until the primary external covering is installed

GENERAL INSTALLATION INFORMATION

- Appraise the area prior to installation to determine installation methodology for Probreathe A2 Air membrane.
- Apply Probreathe Duo Tape to the substrate at 500mm centres - see Fig. 1.
- Optimal bonding is achieved when even pressure is applied to the Probreathe Duo Tape and Probreathe FR Tape using a 50mm roller.
- Do not remove the release liner on the Probreathe Duo Tape until you are ready to install the membrane - see Fig. 2.
- Probreathe A2 Air should be cut using a straight edge and a utility knife or sharp pair of scissors. Make sure that the work surfaces are clean, dry and free of dust, debris and/or liquid contaminants.
- Probreathe A2 Air must be installed uniformly without pulling to ensure even tension across and along the membrane.
- Probreathe A2 Air can be laid horizontally or vertically and is partially bonded back to the substrate using Probreathe Duo Tape, installed at 500mm centres - see Fig. 2 and 3.
- Ensure all perimeters of underlying Probreathe A2 Air are bonded back to the substrate with Probreathe Duo Tape - see Fig. 2 and 3.
- Horizontal overlaps - minimum 150mm ensuring the shingle effect is achieved.
- Vertical overlaps - minimum 100mm.
- Both sealed with Probreathe FR Tape.

As each construction is different, you are advised to contact the A. Proctor Group Technical Support for advice and guidance on installations not covered in this guide on 01250 872261.

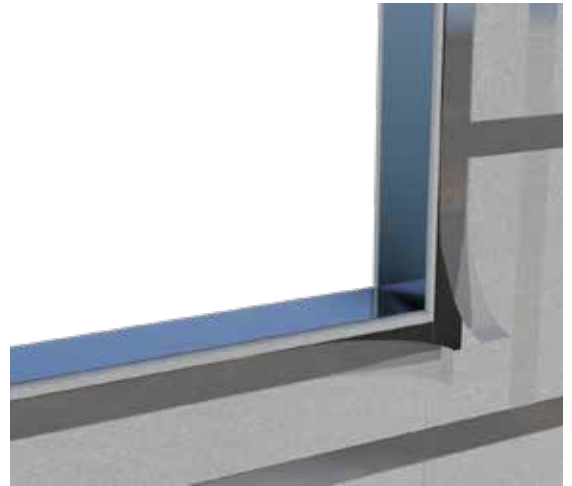


Fig. 1



Fig. 2

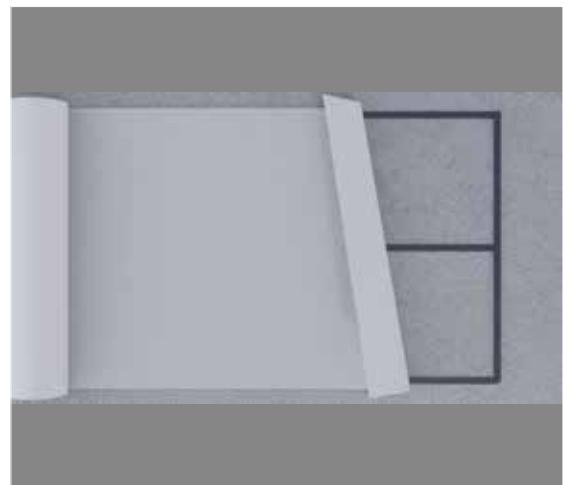


Fig. 3

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