

POWERLON® SUPAPERM 100

HOUSE WRAP BREATHER MEMBRANE



Industrial Textiles & Plastics Ltd.

Stillington Road, Easingwold, York YO61 3FA, UK

SUPAPERM 100

House Wrap Breather Membrane

1.6 x 100m WSNS 1699A	17kg approx. roll weight
2.7 x 100m WSNS 2799A	28kg approx. roll weight
3.2 x 100m WSNS 3299A	33kg approx. roll weight

Colour	Black
Weight	100gsm
Tensile Strength	MD 200N/50mm XD 140N/50mm
Nail Tear Resistance	MD 90N/50mm XD 110N/50mm
Water Vapour Transmission	0.09 MNs/g BS4016 Pass
Water Tightness	W2
Water Vapour Permeability	>1000gm ² /day

DIMENSIONS

Roll Size	Roll Weight
1.6 x 100m	17.0kg
2.7 x 100m	28.0kg
3.2 x 100m	33.0kg

APPLICATION

House wrap for walls in timber frame structures and for profiled metal industrial roofs.

STORAGE & HANDLING

Always store membrane rolls horizontally in a cool, dry sheltered store. Handle the material with care and ensure that the membrane is not creased or folded.

The shelf life of self-adhesive products is limited, usually between 6 months and 1 year (protected from direct sunlight and ambient temperatures above 30°C). Sealing tapes should be kept free of moisture and heat. Store away from sunlight in dry conditions at room temperature.

INSTALLATION

1. WORKING WITH THE MEMBRANE

- Always work with clean hands or wear gloves and use clean tools.
- Materials can be cut using a sharp knife. Always overlap the cut edge.
- Ensure that the membrane is not creased or folded. In case of a corner, loosely install the membrane around the corner or make a well-sealed butt joint. Do not crease the material.
- Unroll the membrane and secure to the wall/timber structure ideally with stainless steel staples/nails.
- Pull the membrane tight and always fasten loose ends, overlaps and edges mechanically with stainless steel staples/nails.
- Vertical overlaps should be a minimum of 100 mm; horizontal overlaps should be a minimum of 100mm and need to cover any staples/nails.
- In case of making a corner seal/lap, stagger the joint with a 150mm vertical joint and a 100mm horizontal joint.

2. BONDING TO SURFACES

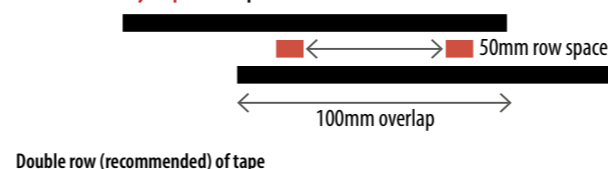
- Before beginning any installation, practising the taping process is highly recommended.
- Make sure that the surfaces are clean and free from dust and grease.

c) Staples/nails can be used as long as they are covered by a second layer of the membrane (e.g. where there is an overlap).

d) Only use Powerbond tapes as follows:

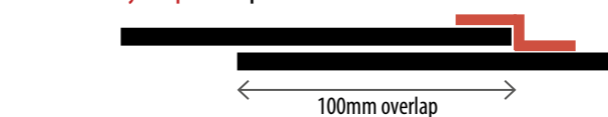
- Powerbond Butyl Tape* should be installed between the recommended minimum 100mm overlap. A continuous row or double row of the double-sided tape should be laid to create a watertight seal within the recommended 100mm overlap. Double rows of Powerbond Butyl Tape should be spaced 50mm apart.
- Powerbond Acrylic Tape* should be used as a jointing and sealing tape to use over the overlap of the breather membrane. It should also be used for detail joining of the membrane, for example within a window frame.

Fig. 1
Powerbond Butyl Tape Overlap Join Detail



Double row (recommended) of tape

Fig. 2
Powerbond Acrylic Tape Overlap Join Detail



3. REPAIRS

- Small tears or punctures in SupaPerm 100 can be repaired / covered with Powerbond Acrylic Tape.

4. FURTHER INFORMATION

These installation instructions are based upon currently available good practice and information and only offered as a general guide. Final determination of the suitability of any information or material for the use contemplated and the manner of use is the sole responsibility of the user and the user must assume all risk and liability in connection therewith. Check the suitability and safety of the products for the use envisaged with all current and applicable national standards.

SUPAPERM 100 is a single layer non-woven fabric that is both water resistant to BS 4016 and breathable



Custom branding available

IMPORTANT

Protect Powerlon SupaPerm 100 from UV exposure. Cover and finish the construction of the SupaPerm 100 installation within a maximum of 2 months (for Western Europe).

TECHNICAL HELPLINE
01347 825 200

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