

## SWRP10

### Product Description

Premier SWRP10 is a high performance butyl strip sealant laminated to a clear tear resistant film for use as a dual-purpose air seal and moisture barrier tape. Self-wound on the roll for ease of application. Unique high tack adhesive for instant grab. For information on available sizes, please visit our website.

### Features

- Low moisture vapour transmission rate
- Excellent movement accommodation
- Conforms with the recommendations of the MCRMA Technical Paper No 14, Guidance for the Design of Metal Roofing & Cladding to comply with Approved Document L2:2001
- Outstanding adhesion to coated steel and aluminium sheets without the need for primers
- Can be applied to most building materials in cold conditions without reduction in long term performance provided surfaces are frost free.

### Typical Applications

- Creating moisture vapour seals along side-lap joints of metal liner panels in the construction of buildings.
- Not recommended for use on end-laps.



### Application Advice

To achieve the performance required from a strip sealant, please ensure the following is achieved:

1. Surface is clean, dry and dust free
2. Compression is achieved in accordance with the system manufacturers guidelines
3. Avoid cross contamination with chemicals (if unsure please see contact with your technical advisor)
4. System manufacturers guidance is followed with regard to grade of material for warranty purposes
5. System manufacturers guidance is followed with regard to positioning of material

Failure to follow these guidelines may impact on the longevity and success of the seal.

SWRP10	
Dimensions	1mm x 50mm x 35m
Adhesion	Excellent to metals and plastics, even on cold surfaces
Colour	White
Movement accommodation	Very good resistance to creep $\pm 20\%$
Density	1.5 g/cm <sup>3</sup>
Force to compress by 20%	125 N
Moisture vapour transmission	0.025 g/m <sup>3</sup> /24hr/mm at 25°C & 75%RH
Resistance to mould	Good
Outdoor service temperature	-40°C to +90°C
Application temperature	+5°C
Water repellence	Excellent
Life expectancy	25 years +
Dynamic shear	22 N / cm <sup>2</sup>
Tack	Excellent
UV resistance	Very Good
Chemical resistance	Good to dilute acids and alkalis. Not recommended for extreme chemical exposure

Please note: The above technical information is given as a guide and is based on recent test data obtained under laboratory conditions. Materials should be fully tested by the end user to establish suitability of the product for the intended application. October 2014

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## Premseal strip Butyl

### Storage and Transportation Advice

STORAGE TEMPERATURE: between 5 °C and 25 °C Ambient

TRANSPORT TEMPERATURE: between 5 °C and 25 °C Ambient

LOADING/UNLOADING TEMPERATURE: Ambient

VISCOSITY (cSt): Not Applicable

STORAGE/TRANSPORT PRESSURE (kPa): Atmospheric

ELECTROSTATIC ACCUMULATION HAZARD? No, not from product, slight static charge may be developed from the removal of the release paper, if relevant use appropriate grounding procedures

USUAL SHIPPING CONTAINERS: This product can be transported by shipping container. Where possible avoid any excessive heat and prolonged exposure. Continuous exposure may impact on ease of application. Supplied in cardboard cartons.

MATERIALS AND COATINGS UNSUITABLE: None

STORAGE / HANDLING, GENERAL NOTES: Store in a cool, well-ventilated place away from incompatible materials. Do NOT remove release liner or store cartons of product near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Shelf life more than 24 months in ambient conditions.

Storage temperatures between 5 °C and 25 °C would be advisable however storage outside of these temperatures is possible hence the terms cool and ambient.

The key to keeping material fit for purpose is to keep it dry.

IF STORAGE AND TRANSPORTATION IS BELIEVED TO BE BEYOND THESE CONDITIONS PLEASE CONTACT US TO DISCUSS FURTHER



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