

# Solco Single Sided Butyl Tape

## Description:

Solco Single Sided Butyl Jointing Tapes are designed for securing laps & joints to membranes. Solco Single-Sided Butyl Tapes are preformed high performance polyisobutylene (PIB) based sealing tape with enhanced adhesive characteristics for more demanding applications where there are requirements for a high degree of bonding such as cavity trays and membranes.

Solco Single-Sided Butyl Tape has excellent adhesion to a wide range of substrates, with good UV resistance, and remains flexible throughout its service life.

## Typical Uses:

- Bonding membranes to DPCs.
- Bonding and sealing cavity Trays & Top Hats.
- Bonding and sealing waterproof & gas protection membranes at overlaps.

## Installation:

- Solco Single Sided Butyl Tape should be applied to surfaces at a temperature range of between +5°C and +40°C.
- For best performance, the surfaces should be clean, dry, and grease free.
- Apply tape to the lap area of the laid sheet starting approx 50mm from the membrane edge. The product should be unwound and lightly pressed into position leaving the release paper in place.
- When the weather is cold, store tape in a warm, dry place until required.
- Installation is not recommended below 5°C.

## Technical Data:

| Property  | Value                                  |
|---|--|
| Life Expectancy   | >25 years                              |
| UV Resistance   | Excellent                              |
| Service Temperature   | -40°C to +90°C                         |
| Joint Movement  | Up to 15%                              |
| Dynamic Tensile Tension <small>(Separation Rate of 100mm/min at 20°C)</small> | 20 N/cm <sup>2</sup>                   |
| Dynamic Shear <small>(Separation Rate of 200mm/min at 20°C)</small>           | 22 N/cm <sup>2</sup>                   |
| <b>Gas / Vapour Permeability</b>  |  |
| Methane Permeability [BS ISO EN 15105-1]                                      | 1.97 ml/m <sup>2</sup> /day/atm        |
| Carbon Dioxide Permeability [BS ISO EN 15105-1]                               | 1.01 ml/m <sup>2</sup> /day/atm        |
| Radon Permeability [SP3873]   | 7.1x10 <sup>-7</sup> m <sup>2</sup> /s |
| Water Vapour Permeability [BS 15106-3]  | 0.006 g/m <sup>2</sup> /day            |



- **Solventless formulation.**
- **Instant seal.**
- **Direct control over the quantity of sealant used in the joint.**
- **Environmentally friendly.**
- **Ease of use.**
- **Good adhesion on both faces to most building materials.**
- **High pumping resistance.**

## Storage:

- Keep rolls stored in a cool dry place.
- Shelf life of 24 months in ambient conditions.

### Roll Sizes

100mm x 20m

150mm x 15m

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