

POLYROOF SA SAND-FACED CARRIER LAYER

TECHNICAL DATA SHEET

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Introduction

A 2mm high performance sanded faced bituminous carrier layer that can be laid onto tissue faced and Rockwool insulation boards and offers excellent strength and puncture resistance.

The membrane is self-adhesive, rapid, and fully cold-applied application. NB - The surface of the carrier layer does not require priming prior to coating with the Protec Range. This product can also be used as an AVCL.

Key Features

- High-performance carrier layer
- Self-adhesive and waterproof
- Cold-applied without use of flames
- Excellent strength and tear and puncture resistance
- Fast installation
- Suitable for use as an air and vapour barrier

Product Information



Code	Item	Pack Size	Approx. Pack Coverage
107117	Polyroof SA Sand-Faced Carrier Layer	15.0m ²	13.8m ² <i>(allowing for laps)</i>

Technical Data

Characteristic	Value
Thickness	2mm
Tensile Strength	Long.450 N/50mm Trans.250 N/50mm
Elongation at Break	Long.30% Trans.45%
Impact Resistance	≥600 mm
Tear Resistance	Long.100N Trans.100N
Peel Resistance of Joints	≥20 N/10mm
Water Vapour Properties	700000 μ
Vapour Transmission Rate	≤±50% initial value
Application Temperature	+5°C / +35°C

Application

Typical Applications

- A carrier layer of Polyroof Tissue-Therm Insulation, timber decks or other surfaces.
- An air and vapour barrier for concrete, timber and structural metal roof decks.
- New build or refurbishment
- Adhesively bonded or mechanically fixed specifications

Preparation and Installation

All surfaces must be dry, clean, smooth and free from contaminants. Apply a coat of Polyroof SA Primer (roller or spray applied) as per manufacturer's instructions and allow to cure.

Ensure temperature and surfaces are within the application temperature guidelines. DO NOT apply the product unless the temperature is at least 5°C and rising. At the lower end of the temperature range (applications between 5°C and 10°C) a Leister hot air gun may be used to increase adhesion of the product. This may assist on detailing work.

On a flat roof, rolls should be installed from the lowest point working up the roof ensuring overlaps do not create counter-gradient overlaps. All rolls should have a minimum 100mm overlap at side laps and 150mm at end laps. Note side and end laps must be fully supported. Once aligned remove half of the backing film at the lower end of the roll, apply the sheet, then remove the other half of the film, and press the membrane in place using a pressing roller taking care to avoid any air bubbles or wrinkles. If using a Leister type hot air gun, it should be noted that on laps that the upper part of the overlap should be heated prior to pressing.

On a sloping or pitched roof, apply the rolls from the highest point downwards. The membrane must be folded back 200mm-300mm at the ridge line and mechanically fixed. Whenever a roof's pitch is greater than 30%, the membrane must be mechanically fixed at overlaps. Any fixings must be covered by a lap and not left exposed.

Storage and Handling

Storage: Rolls should be stored indoors where possible, protected from moisture and from extremes of temperature (min +5°C and max +30°C). Rolls must be stored vertically and kept in their cardboard boxes. Part used rolls should be treated in the same manner. DO NOT leave rolls in a horizontal position and / or unboxed as the product may become deformed and unusable.

The product should be used within 12 months of purchase.

Health and Safety

Safety Data Sheets available on request.

Technical Assistance

For further information, please contact Polyroof Technical Services on 0800 801 890, More information can also be found at www.polyroof.co.uk.