

Challenger Polyester 180 Sand

Bituminous Vapour Control Layer

Product Details

Product	Challenger Polyester 180 Sand
Roll Weight	39.0 Kg
Weight	2.0 Kg/m ²
Roll Dimensions	20 x 1m
Base Type	180g/m ² Polyester
Moisture Vapour Resistance	>1000 MNs/g
Product Code	50170000



Introduction

IKO Challenger Polyester 180 Sand is used as a vapour control layer for adhered IKO Polymeric roofing systems that can be applied in the pour and roll method.

The membrane has a polyester base for toughness and durability and has an oxidised bitumen coating. The sand surfaced membrane is an ideal surface to receive adhered thermal insulation boards.

Features & Benefits

- High tensile polyester base
- High resistance to damage and delamination
- Prevents penetration of water vapour and damage to roof construction

Challenger Polyester 180 Sand Application

1. The membrane should be installed in accordance BS 8217: 2005, Code of practice for reinforced bitumen membranes for roofing, and to IKO Polymeric specifications.
2. Application is by traditional pour & roll methods.
3. Hot bitumen is poured onto the substrate in front of the roll, which is then unrolled into the bitumen, spreading it to give a continuous coating for the full width.
4. The membranes are applied with minimum 75mm side and end laps.

Note: Challenger membranes (oxidised bitumen coatings) if used during the winter months should be stored between 10°C and 20°C for 24 hours prior to use and not applied at temperatures below 5°C. If applied at temperatures below 10°C the membrane should be warmed gently with a hot air gun at details that involve folding. Once correctly installed, they are then unaffected by low temperatures. If these conditions cannot be met then consideration should be given to specifying the Systems underlay SBS membranes because of their excellent low temperature performance.

IKO Polymeric

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Storage

IKO Challenger Polyester 180 Sand should be stored on end, on a clean level surface away from excessive heat and under cover.

Further Product Information

Full product literature and technical sheets are available as downloads from our website: www.ikopolymeric.com or on request by email: polymeric.marketing@iko.com

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