

Strongbond 180 Sand

TECHNICAL DATA SHEET

January 2023

Traditional Pour and Roll Underlay or Cap Sheet



Chesterfelt Strongbond 180 Sand is a traditional pour and roll membrane which can be used as both an underlay and a capping sheet. It features a polyester core which is saturated and coated in high quality bitumen and has a sanded finish.

When incorporated in a suitably designed and installed multi-layer system, maintained in accordance with BS 8217:2005 - Reinforced bitumen membranes for roofing, Strongbond 180 Sand may be expected to last in excess of 10 years.

Product Details

Product Code	Roll Length	Roll Width	Pallet Quantity
P562	20m	1m	25 rolls

Key Features & Benefits:

- High performance
- Durable
- Sand finish

Suitability

To complete a full system, Chesterfelt Strongbond 180 Sand can be used as an underlay membrane, or alternatively it can be fitted above the existing underlay membrane and used as the final waterproofing layer. The product is also suitable for use as a preparatory nailing layer when used as an underlay onto a combustible deck material i.e. plywood, OSB3, timber planks and, in such instances, must be nailed at maximum 150mm centres.

When used as part of a multi-layer built up roofing system, Chesterfelt Strongbond 180 Sand provides reliable waterproofing protection and is suitable for use on a wide range of buildings.

Installation Guidelines

This product should be installed in accordance with manufacturer recommendations and all relevant national standards and codes of practice, including BS 8217:2005 – the code of practice for reinforced bitumen membranes for roofing.

Maintenance and Repair

Routine inspection, cleaning and maintenance of the roof membranes should be based on the recommendation in BS 8217:2005. Should it be damaged either during construction or at a later date, then the repairs should be made using the same materials so that the performance of the built-up membranes is retained.

Performance and Key Properties

Characteristic	Test Method	Result	Tolerance
Roll Length	BS EN 1848-1	20m	+/- 150mm
Roll Width	BS EN 1848-1	1m	+/- 1.5%
Roll Weight	BS EN 1849-1	34kg	+/- 5%
Straightness	BS EN 1848-1	PASS	
Visible Defect	BS EN 1850-1	PASS	
Watertightness	EN 1928:2000 Method A	PASS	
Resistance to tearing	BS EN 12310-1		
Longitudinal		209 N/50mm	>100 N
Transverse		192 N/50mm	>100 N
Flexibility at low temperature	BS EN 1109	5°C	
Tensile Properties:	BS EN 12311-1		
Longitudinal		653 N/50mm	>350 N
Transverse		494 N/50mm	>250 N
Tensile Elongation	BS EN 12311-1		
Longitudinal		36%	>20%
Transverse		45%	>20%

Standards

Manufactured in accordance with BS EN 13707:2004+A2:2009 - Flexible sheets for waterproofing. Reinforced bitumen sheets for roof waterproofing.

Handling and Storage

The material should be stored vertically on a firm flat surface, and transported stood on end to avoid damage.

Certification

UKCA certified & CE Marked to EN 13707:2004+A2:2009.
CE Certificate Number: 0086-CPR-595938.
UKCA Certificate Number: 0086 CPR 753192.

Health and Safety

Health and Safety should be observed at all times in accordance with HSE and industry guidance. Specific Risk Assessments and Method Statements should be produced by contractors where necessary to ensure Working at Heights, Fire Safety and Manual Handling rules are compliant with current law and regulations. Health and safety data sheets are available for all materials on request from Chesterfelt.

Quality Assurance

Chesterfelt Strongbond 180 Sand is manufactured in accordance with BS EN ISO 9001:2015 - Quality Management Systems (QMS).

Associated Products

Strongbond 180 Green.



Cert No.
0086-CPR-595938



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