

# Strongbond 180 Green

TECHNICAL DATA SHEET

January 2023

## Traditional Pour and Roll Cap Sheet



Chesterfelt Strongbond 180 Green is a traditional pour and roll cap sheet featuring a polyester core which is formed from continuous filaments and a mineral finish. Waterproofing is achieved by saturating and coating both surfaces in bitumen.

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

### Product Details

Product Code	Roll Length	Roll Width	Pallet Quantity
P564	10m	1m	25 rolls

### Key Features & Benefits:

- High performance
- Durable
- Green mineral finish

### Suitability

To complete a full system, Chesterfelt Strongbond 180 Green is fitted above the underlay membrane and is used as the final waterproofing layer. When used as part of a multi-layer built up roofing system, it 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.

### Mineral Surface Protection

The upper surface of the membrane is protected using mineral granules, which are sourced from natural quarrying. The colours of the minerals therefore can sometimes vary depending on seam depths and extraction positions within the quarry. However, after the effects of the weathering and ageing, any variations will become less visible.

## Performance and Key Properties

Characteristic	Test Method	Result	Tolerance
Roll Length	BS EN 1848-1	10m	+/- 150mm
Roll Width	BS EN 1848-1	1m	+/- 1.5%
Roll Weight	BS EN 1849-1	36kg	+/- 5%
Straightness	BS EN 1848-1	PASS	
Visible Defect	BS EN 1850-1	PASS	
Adhesion of Granules	BS EN 12039	1.56%	<20%
Watertightness	EN 1928:2000 Method A	PASS	
Resistance to tearing	BS EN 12310-1		
Longitudinal		233 N/50mm	>100 N
Transverse		257 N/50mm	>100 N
Flexibility at low temperature	BS EN 1109	5°C	
Tensile Properties:	BS EN 12311-1		
Longitudinal		718 N/50mm	>350 N
Transverse		514 N/50mm	>250 N
Tensile Elongation	BS EN 12311-1		
Longitudinal		45%	>20%
Transverse		58%	>20%

### 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.

### 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 Green is manufactured in accordance with BS EN ISO 9001:2015 - Quality Management Systems (QMS).

### Associated Products

Strongbond 180 Sand.



Cert No.  
0086-CPR-595938



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