

Self-Adhesive Vapour Barrier



Chesterfoil is designed for use as a high performance vapour barrier. It is manufactured using a high strength aluminium core and features a self-adhesive underside and release film.

Chesterfoil can be used in a wide variety of applications including built-up felt roofing, single-ply membranes, liquid applied waterproofing & metal roofing and will restrict the passage of warm moisture laden air from within the building, providing an airtight and vapour proof seal which can accommodate normal or high humidity conditions.

Product Details

Product Code	Roll Length	Roll Width	Pallet Quantity
P710	40m	1.08m	25 rolls

Key Features & Benefits:

- Cold-applied membrane
- Vapour proof
- Gas resistant
- Self-Adhesive

Suitability

Chesterfoil is a self-adhesive vapour barrier with very high tear resistance and can be used on many types of decking including metal, plywood, OSB boarding, concrete, plasterboard. Suitable preparation using Chesterfelt Self-Adhesive Primer is required.

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	40m	+/- 5%
Roll Width	BS EN 1848-1	1.08m	+/- 5%
Roll Weight	BS EN 1849-1	29kg	+/- 10%
Thickness	BS EN 1848-2	0.72mm	+/- 10%
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		302 N	120 N
Transverse		302 N	120 N
Flexibility at low temperature	BS EN 1109	-15° C for 1 hr	
Tensile Properties	BS EN 12311-1		
Longitudinal		999.8 N/200mm	
Transverse		878 N/200mm	
Water Vapour Transmission	BS ISO 15106	0.0005 (WVTR)/g/m ² , day	
Methane Transmission	BS ISO 15105	40ml	
Resistance to Static Loading	BS EN 12730	PASS	

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

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



Cert No.
0086-CPR-595938



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