

Laser Gold Underlay

TECHNICAL DATA SHEET

January 2023

High Performance Torch-Applied Underlay



Chesterfelt Laser Gold Underlay features a glass fibre core and is designed to be used as part of a torch-applied built-up roofing system. It incorporates SBS modified bitumen and has a light sanded finish on the upper surface. 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, Chesterfelt Laser Gold Underlay may be expected to last in excess of 20 years.

Product Details

Product Code	Roll Length	Roll Width	Pallet Quantity
P901	12m	1m	30 rolls

Key Features & Benefits:

- SBS modified bitumen for added flexibility
- Increased thickness and weight
- Integral part of Laser Gold system
- Life expectancy - In excess of 20 years

Suitability

Chesterfelt Laser Gold Underlay is a torch-applied underlay. When used as part of a multi-layer built up roofing system, it provides long-lasting waterproofing performance and is readily suited to a range of roofs, including those with high insulation values where considerable thermal movement is likely to occur.

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	12m	+/- 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	
Watertightness	EN 1928:2000 Method A	PASS	
Flexibility at low temperature	BS EN 1109	-5°C	

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

Associated Products

Laser Gold Cap Sheet.



Cert No.
0086-CPR-595938



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