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Premium SBS Torch-On Underlay

Reinforced Bitumen Roof Waterproofing Systems

Description

Premium SBS Torch-on Underlay is a polyester reinforced SBS-modified bituminous membrane. The polyester fleece is saturated and then coated in SBS-modified bitumen. Both the upper and lower surfaces are finished with a thermofusible film to prevent sticking in the roll.

Standard

Premium SBS Torch-on Underlay has been independently site and laboratory tested by the British Board of Agrément and awarded BBA certificate number 07/4409.



Intended Use

Premium SBS Torch-on Underlay is intended for use as a full bond underlay within a high performance bituminous built-up roofing system.

Surface Preparation

All surfaces to receive Premium SBS Torch-on Underlay must be smooth, clean, dry and free from all contaminants that may affect the adhesion and performance of the membrane. Surfaces must be free of sharp projections and mechanical fixings must be well driven to prevent damage to the membrane. Substrates must be primed with an Icopal bitumen primer and left to dry completely prior to the application of the waterproofing.

Application

Premium SBS Torch-on Underlay membranes are applied by torch-on application using a standard roofer's torch. The membranes should be heated carefully ensuring the heat dispersible film on the underside is completely removed. Lap joints must be completely sealed and checked for security as work proceeds ensuring a continuous 5 mm bead of bitumen is extruded from all laps. Side laps must be a minimum 75 mm with end laps a minimum of 100 mm. The cap sheet side laps should be offset 300 mm from the underlay to avoid a build-up of overlaps; end laps should also be offset.

Properties

	Value	Tolerance
Nominal Roll Length	10.0m	±100 mm
Nominal Roll Width	1 m	±10 mm
Nominal Roll Weight	38.5 kg	±2 kg
Nominal Thickness	2.7 mm	±0.2 mm

Liquids

The material is impervious to water.

Biological

The material is not susceptible to insect attack or pest damage and is unaffected by fungi, moss, lichen, moulds or bacteria.

Thermal

The material is unaffected by freeze / thaw cycling. It will support temperatures from -10 °C to 90 °C without damage.

Durability

Premium SBS Torch-on Underlay used in conjunction with a suitable Icopal SBS capsheet may be expected to last 20 years.

CE Marking

Premium SBS Torch-on Underlay bears CE Marking in accordance with the harmonized European Standard '*BS EN 13707: Flexible sheets for waterproofing. Reinforced bitumen sheets for roof waterproofing. Definitions and characteristics*'.

Fire Performance

The properties in relation to fire are dependent on the capsheet used in conjunction with these products.

Compatibility

Premium SBS Torch-on Underlay is compatible with most building materials with which it is likely to come in to contact with during roofing works.

Hydrocarbon solvent based products, such as naphtha, paraffin and creosote will have a harmful effect and should not be allowed to come in to contact with these membranes.



EN 13707 13 0086-CPD-505779

Ref: ICO0890



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Quality Assurance

Premium SBS Torch-on Underlay is manufactured under a Quality Management System approved to *ISO 9001: 2015* and an Environmental Management System approved to *ISO 14001: 2015*, by BSI Quality Assurance.



QMS: Q5556



EMS 535978

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Health and Safety

Health and safety data sheets are available for all materials. Please contact Icopal's Technical Services Department for further information.

NBS Specification

Premium SBS Torch-on Underlay is specified using the following:

Clause: J41/110, J41/120, J41/130

Underlay: Premium SBS Torch-on Underlay.

Manufacturer: Icopal Ltd, Barton Dock Road, Stretford, Manchester, M32 0YL. Tel: 0161 865 4444.



Typical Specification

The underlay to be Premium SBS Torch-on Underlay, as manufactured by Icopal Limited, Barton Dock Road, Stretford, Manchester
M32 0YL. Tel: 0161 865 4444 Fax: 0161 864 2616. The membrane is to be installed in accordance to the manufacturer's instructions and the requirements of '*BS 8217: Reinforced bitumen membranes for roofing - Code of practice*'.

Delivery and Storage

The rolls are delivered on pallets covered with a shrink wrap bag. The product must be transported and stored on end. If rolls are removed from the original pallet store on end, upright on a firm flat surface dry and out of direct exposure to the elements. Protect from mechanical damage and heat sources.

Do not store with rolls laid flat.

If original packaging is removed, cover must be provided if product is to be stored outside. Storage temperatures must be between 0 °C and 30 °C. Stacking up to two pallets high is only permitted if the lower pallet rolls are reeled on a cardboard core. Plywood spacer boards must be placed between pallets. Icopal is not responsible for damage when the above instructions are not followed.

Do not store where membranes are liable to come in to contact with hydrocarbon solvents, such as petroleum spirit or diesel oil or other organic solvents.

Technical Services

Specialist advice and design guidance on all matters relating to Premium SBS Torch-on Underlay is freely available from our Technical Department at the address below.

Availability

Item Code	Description	Roll Length
2004345	Premium SBS T-on Underlay	10 m x 1 m

NOTE: This information is given in good faith being based on the latest knowledge known to Icopal Limited. Whilst every effort has been made to ensure the contents of the publication are current while going to press, customers are advised that products, techniques and Codes of Practice are under constant review and liable to change without notice. Up to date information is available from our Technical Services Department on request.

Responsibility cannot be accepted for the application of products, and no claims can be considered, where the manufacturer's instructions have not been followed. The user should not assume; based on information provided in this sheet, that the product is suitable for any abnormal use.

All products are sold subject to our standard conditions of sale, available on request.