

High Performance Elastomeric Torch-on System

Description

Esterflex SBS torch-on is a range of polyester based torch-on cap sheets & underlay, coated with a high quality polymer modified SBS bitumen coating. The underside of Esterflex SBS and Mineral Esterflex SBS is protected by Polyflam a special polyethylene film which melts upon torching. In the mineral version the top surface is protected by a uniform layer of slate chippings and has a lateral selvedge for overlapping making application fast and secure. Esterflex SBS underlay is protected by Polyflam on both the top and underside thus providing a bitumen rich surface when torching applying the Esterflex SBS cap sheet Esterflex SBS torch-on membranes provide reliable and effective flat roof waterproofing, combining the qualities of excellent performance, good handling characteristics and economy. Esterflex SBS membranes exhibit excellent dimensional and mechanical stability making them suitable as part of a built-up system, or as a refurbishment overlay to existing asphalt or selected surface bitumen membranes.

(NB. Please see separate insulation & assembly membranes data sheets.)

Features and Benefits:-

- Torch-on application
- Strong rot resistant base fabric
- Flexible SBS elastomeric modified bitumen
- Low temperature flexibility -15°C
- Cost effective performance
- 10 year Product Warranty



Dimensions & Weights	Esterflex SBS Torch-On Mineral	Esterflex SBS Torch-on Sand	Esterflex SBS Torch-on Underlay
Roll Weight kg	36	32	36
Weight kg/m ²	4.5	4.0	2.4
Roll Length m	8	8	15
Roll Width m	1	1	1
Selvedge Width mm	75	N.A.	N.A.
Product Components			
Base	Polyester	Polyester	Glassfibre
Typical Performance			
Tensile Strength (MD) N/50mm	500	500	300
Tensile Strength (TD) N/50mm	400	400	200
BSEN 12311: 2000			
Elongation (MD) %	35	35	4
Elongation (TD) %	35	35	4
BSEN 12311: 2000			
Low Temperature Flex °C	-15	-15	-15
BSEN 1109: 2000			

Product:	Code:
Esterflex SBS V2 TT	1929
Esterflex SBS Sand	2228
Esterflex SBS Grey Mineral	1924
Esterflex SBS Black Mineral	1925
Esterflex SBS Tweed Mineral	1926

Product Information

Esterflex SBS Mineral Slate Surfaced Cap sheet - Incorporates a non-woven polyester base, coated with SBS modified bitumen, providing a very high degree of strength and durability. Available with a grey or black or tweed slate finish and surfaced on the underside with flame dispersible polyethylene film (Polyflam). For exposed use and requires no further finishing on site.

Esterflex SBS Sand Surfaced Finish - Incorporates a non-woven polyester base, coated with SBS modified bitumen, providing a very high degree of strength and durability can be used as a high performance underlay or as a capsheet where the surface will be protected by walkway tiles, chippings or other approved surface protection.

Application

Esterflex SBS torch-on can be used as the cap sheet onto suitable pour and roll or torch-on underlays as part of a built-up system or as refurbishment overlay to existing asphalt or selected compatible surfaced membranes. When installing a fully torched system, suitable underlays include Esterflex SBS V2 Torch Underlay.

Esterflex SBS torch-on roofing membranes should be installed in accordance with BS 8217:2005, Code of Practice for reinforced bitumen membranes for roofing, and to Polyglass specifications and recommendations. The application should follow the general good practices for torch-applied membranes. Care must be taken when applying Esterflex SBS torch-on membranes in close proximity to combustible materials, decorative coatings and heat sensitive materials.

Apply Esterflex SBS torch-on roofing by melting the heat dispersible backing and coating to create a molten flow in front of the roll. The flame of the torch should be applied at the low point where the roll meets the underlay. As the film and bitumen melts, roll the roofing forward. Side joints in the sheets should be fully bonded and formed using the 75mm selvedge. NB. A bead of bitumen must exude from all lap joints to ensure a seal.

Other Products

Full product literature, health & safety and technical sheets are available as downloads on request from our Head Office, detailed below.



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