

# DURO TORCH SBS & SBS MINERAL

## SBS Modified for Cold Flexibility to -15°C Spunbond Polyester Reinforcement

**Duro Torch SBS and SBS Mineral** are bituminous, plastomeric, torch-on sheet membranes. They consist of a special compound based on modified bitumen, selected elastomers and non-woven spunbond polyester reinforcement. The SBS modified waterproofing compound assures good flexibility at low temperatures and excellent elongation and resistance to movement.

The **Duro Torch** range is manufactured under strict ISO 9001 Quality Assured guidelines.

### USES

Duro Torch SBS exhibits both excellent dimensional and mechanical stability, making it particularly suitable for waterproofing civil, industrial and residential building projects. Duro Torch SBS is suitable for basement & tunnel walls, podiums (sandwich construction), feature ponds and lift shafts.

### APPLICATION

The underside of Duro Torch SBS and Duro Torch SBS Mineral is finished with a thermo-fusible film, which melts upon torching, to provide a rapid and clean application. The upper side of the Duro Torch SBS Mineral version is finished with a uniform layer of factory applied natural slate chippings and is provided with a lateral selvage for overlapping. Surfaces to be waterproofed should be dry, clean, smooth and free of protrusions. All surfaces should be primed with **Duroproof™ Bitumen Primer**. The membrane is torched on with a propane gas flame, making it easy and quick to apply. Apply heat to the underside of the membrane and melt down part of the bituminous undercoating. Form overlaps along the sides of 8-10cm and 12-15cm laps at the end.

### ADDITIONAL INFORMATION

Keep the product away from solvents and organic liquids as they may damage the product. When laying the membrane, the surface must be free from any items which may puncture the membrane. Do not apply in rain or if the temperature is below 0°C. Store rolls in upright position. **When unloading avoid impact damage.**

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### TECHNICAL SPECIFICATION

Test Method	Features	UOM	Nominal Values
EN 1848-1	Length	m	10
EN 1848-1	Width	m	1
EN 1849-1	Thickness	mm	3.0mm
EN1849-1	Weight Mineral	kg/sqm	4.5
EN 1107-1	Dimensional Stability	%	<u>Conforms to UNI8629</u>
EN 12311-1	Tensile Strength long	N/50mm	>740
	Tensile Strength trans	N/50mm	>420
EN 12311-1	Elongation at break longitudinal	%	40
	Elongation at break transversal	%	40
EN 12310-1	Tear Resistance L/T	N	150
EN 1109	Cold Flexibility	°C	-15
EN1110	Heat Resistance	°C	100
EN 1928	Water Tightness	Kpa	>60
EN 1928	Water Resistance	%	±2



**DUROTECH**

*The information provided in this technical bulletin is as correct in detail as possible and is intended to give a fair description of the product and its capabilities. In practice, the substrate and environmental conditions vary widely, making it essential for the user to determine the products suitability for a particular application and that the product is not used beyond its physical limitations. The product is guaranteed providing that it is applied in accordance with the manufacturer's instructions as stated in this data sheet and any relevant Standard as Code and provided that the building and installation is structurally sound. Durotech terms and conditions of sale apply.*