

DURO TORCH *FB* BASE

Fleece Backed

Duro Torch FB Base Sheet is a bituminous Reinforced plastomeric sheet membrane, with a non-woven polyester fleece on the underside. It is manufactured from a compound based on a selected distilled bitumen modified with atactic polypropylene polymer bitumen (APP). The combination of a high performance polymer bitumen and a high strength polyester reinforcement provides a durable system ensuring good flexibility at low temperatures and excellent heat resistance.

GUARANTEED QUALITY

The Duro Torch range is manufactured under ISO 9001 Total Quality guidelines.

USES

FB Base sheet exhibits both excellent dimensional and mechanical stability, making it particularly suitable for waterproofing civil, industrial and residential building projects. It is often used as the base layer of a multi layer membrane system.

APPLICATION

Place the membrane into position and fold back one half of the membrane. Apply a coat of **Duro Anchorweld Solvent Adhesive** over the up-turned face of fleece and the exposed substrate at the rate of 4-5m²/ltr. Allow to touch dry (5-10minutes) and bring the fleece face into contact with the substrate, using a rolling motion to avoid air pockets. Smooth out the membrane with a roller or soft broom.

Fold back the other half of the membrane and apply the adhesive, ensuring there is no void or miss in the middle. Do not allow adhesive to enter between the overlap of the sheets as this will contaminate the welding process of the laps. Lift the lap and apply heat, and use a metal roller or trowel to press the lap into position. Ensure the lap is continuously sealed. **Caution do not apply excess heat.** When the laps have cooled check for voids/misses and re-heat where required. It is important to provide a good seal before the application of subsequent layers.

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 below 5°C.

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TECHNICAL SPECIFICATION

Test Method	Features	UOM	Nominal Values
EN 1848-1	Length	m	20
EN 1848-1	Width	m	1
EN 1849-1	Thickness	mm	3.0mm
EN 1107-1	Dimensional Stability	%	≤0.3%
EN 12311-1	Tensile Strength long	N/50mm	>615
	Tensile Strength trans	N/50mm	>375
EN 12311-1	Elongation at break longitudinal	%	30
	Elongation at break transversal	%	30
EN 1297	Ageing test through exposure to UV	-	pass
EN 1109	Cold Flexibility	°C	-5
EN1110	Heat Resistance	°C	100
EN 1928	Water Tightness	-	pass
EN 1928	Water Resistance	-	pass

When unloading avoid impact damage.



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.