

DURO TORCH MINERAL

APP COMPOUND-HIGH STRENGTH POLYESTER



Duro Torch Mineral is a bituminous plastomeric torch-on waterproofing sheet membrane. It is manufactured from a compound based on a selected distilled bitumen modified with atactic polypropylene (APP) and reinforced with a high strength non-woven spun bound polyester fabric. The upper side is finished with a uniform layer of coloured slate chips. The combination of a high performance polymer bitumen and non-tear polyester reinforcement provides a durable solution ensuring good flexibility at low temperatures and excellent heat and UV resistance.

BENEFITS AND ADVANTAGES

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

USES

Duro Torch Mineral exhibits both excellent dimensional and mechanical stability, making it particularly suitable for waterproofing civil, industrial and residential building projects. It is used as the top layer of a 2 or 3 layer membranes system.

APPLICATION

The underside of Duro Torch Mineral is finished with a thermofusible film, and this melts upon torching ensuring a clean application. Surfaces to be waterproofed should be dry, clean and free from protrusions. All surfaces should be primed with Duroproof™ Bitumen Primer. Duro Torch Mineral is torched on with a propane gas flame, making it easy and quick to apply. Apply the 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. The rolls are provided with a lateral selva for overlapping.

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 5°C. Store rolls in upright position. When unloading avoid impact damage particularly at roll ends.

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	4.5mm
EN 1107 - 1	Dimensional stability	-0.5%T -0.3%L	<u>Conforms to</u> <u>UNI8629</u>
EN 12311 - 1	Tensile Strength long	N/50mm	640-800
	Tensile Strength trans	N/50mm	560-700
EN 12311 - 1	Elongation at break longitudinal	%	45
	Elongation at break transversal	%	45
EN 12310 - 1	Tear Resistance L & T	N	150
EN 1109	Cold Flexibility	°C	--10
EN 1110	Heat Resistance	°C	120
EN 1928	Water Tightness	Kpa	>60
EN 1928	Water Resistance	%	<u>±2</u>



DUROTECH INDUSTRIES

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