

# DURO TORCH GARDEN

## APP Compound—High Strength Polyester

Duro Torch Garden 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), anti-root additives and reinforced with a high strength non-woven polyester fabric. The combination of a high performance polymer bitumen and high strength polyester reinforcement provides a durable solution 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

Duro Torch Garden exhibits both excellent dimensional and mechanical stability, making it particularly suitable for waterproofing civil, industrial and residential building projects. Limited land resources and expensive energy costs have contributed to creating the need for green roofs. Green roofs provide excellent insulation, reduce noise transmission and improve air quality.

### Application

The underside of Duro Torch Garden is finished with a thermo-fusible film. 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**. The product is torched on with minimal use of 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 side of 8-10cm and 12-15cm laps at 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 below 5°C. Store in an 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	4.0mm
EN 1107-1	Dimensional Stability	%	<u>Conforms to UNI 8629</u>
EN 12311-1	Tensile Strength long	N/50mm	>850
	Tensile Strength trans	N/50mm	>550
EN 12311-1	Elongation at break longitudinal	%	40
	Elongation at break transversal	%	40
EN 12310-1	Tear Resistance transversal	N	150
EN 1109	Cold Flexibility	°C	-10
EN1110	Heat Resistance	°C	120
EN 1928	Water Tightness	Kpa	>60
EN 1928	Water Resistance	%	±2

*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.*