

DuroTorch CAR PARK

ASPHALT – RESISTANT BITUMINOUS MEMBRANE

Technical Data Sheet

Duro Torch Car Park is a bituminous, plastomeric, torch-on membrane. It is manufactured from a compound based on a selected distilled bitumen modified with a highgrade atactic polypropylene polymer bitumen (APP) and reinforced with a high strength non woven polyester fabric. The combination of a high-performance polymer bitumen and a high-strength polyester reinforcement provides a durable system ensuring excellent heat resistance.

GUARANTEED QUALITY

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

USES

Duro Torch Car Park exhibits both excellent dimensional and mechanical stability, making it particularly suitable for waterproofing civil, industrial and residential building projects. Hot asphalt can be poured directly over the unprotected membrane, superficially melting and creating an excellent bond.



APPLICATION

Surfaces should be dry, clean, smooth and free of protrusions. All surfaces should be primed with DuroTorch Bitumen Primer. The membrane is torched on with minimal use of a propane gas flame, making it easy and quick to apply. A 50cm wide bridging strip should be applied to the edge of the prefabricated concrete slab. It should also be applied to the vertical surface on sidewalks and finish 10cm above the level of asphalt. Expansion joints should be treated assuring continuity. Lay membrane to the primed surface allowing for a 10cm overlap on side and ends. Asphalt binder should be applied as soon as possible. Binder temperature is to be between 140°C and 160°C. Immediately compact with roller.

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 rolls in upright position.

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	%	Conforms to UNI8629
EN 12311 – 1	Tensile Strength long	N/50mm	>70
	Tensile Strength Trans	N/50mm	>480
EN 12311 – 1	Elongation at break Longitudinal	%	40
	Elongation at break Transversal	%	45
EN 12310 – 1	Tear Resistance L & T	N	140
EN 1109	Cold Flexibility	°C	-10
EN 1110	Heat Resistance	°C	124
EN 1928	Water Tightness	Kpa	>60
EN 1928	Water Resistance		