

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.

<u>USES</u>

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	%	45
	Transversal		
EN 12310 – 1	Tear Resistance L & T	Ν	140
EN 1109	Cold Flexibility	°C	-10
EN 1110	Heat Resistance	⁰ C	124
EN 1928	Water Tightness	Кра	>60
EN 1928	Water Resistance		





14 Essex Street, P.O Box 5092, Minto, NSW 2566

% +61 2 9603 1177

🖷 +61 2 9475 5059

5059 | 🖂 sales

🖂 sales@durotechindustries.com.au

www.durotechindustries.com.au

The information provided in this data sheet is correct at the time of printing (albeit is subject to change at any time) and is intended to give a simple description of the product and its capabilities. In practice, the substrate, intended surface to be treated and environmental conditions vary widely, making it essential for the user to determine the products suitability for a particular application and to ensure that the product is not used beyond its physical limitations. If in doubt contact the manufacturer. The product will perform as described herein provided it is applied in accordance with the manufacturer's instructions as stated in this data sheet and provided that the building and installation is structurally sound and the application is carried out competently. Durotech terms and conditions of sale apply.