

DURO TORCH 3 MM

APP Compound-High Strength Polyester

Duro Torch 3MM is a bituminous, plastomeric, torch-on sheet membrane. It is manufactured from a compound based on a selected distilled bitumen modified with atactic polypropylene polymer bitumen (APP) and reinforced with a high strength non-woven polyester fabric. The combination of high performance polymer bitumen and 160gsm non-tear 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

Duro Torch 3mm 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

The underside of Duro Torch 3MM is finished with a thermo-fusible film, which melts upon torching, ensuring a clean application. Surfaces to be waterproofed should be dry, clean, smooth and free of protrusions. All surfaces should be primed with **Duroproof™ Bitumen Primer**. The membrane is torched on with minimal use of a propane gas flame, making it easy and quick to apply. Apply 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 the ends.

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.**

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	3.0mm
EN 1107-1	Dimensional Stability	%	<u>Conforms to UNI8629</u>
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
EN1110	Heat Resistance	°C	124
EN 1928	Water Tightness	Kpa	>60
EN 1928	Water Resistance	%	±2

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

PH: +61 2 9603 1177 Fax: +61 2 9603 3796 **Technical: 1300 791 177**

Email: sales@durotechindustries.com.au Web: www.durotechindustries.com.au

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.