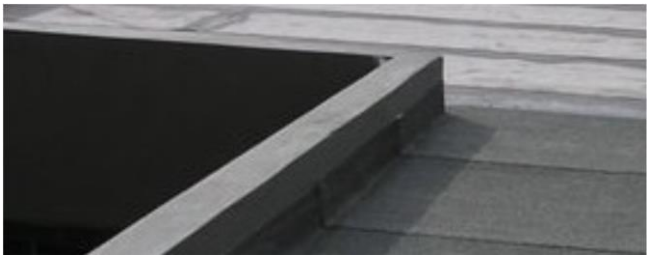
# DuroTorch 3mm

**APP COMOUND – HIGH STRENGTH POLYESTER**

## Technical Data Sheet

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 spun bound polyester fabric. The combination of high performance polymer bitumen and non-tear polyester reinforcement provides a durable system ensuring good flexibility at low temperatures and excellent heat resistance.



### BENEFITS AND ADVANTAGES

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

### USES

DuroTorch 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.

### INSTALLATION

The underside of DuroTorch 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 DuroTorch 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 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 | 3.0mm |
| EN 1107 – 1 | Dimensional stability | -0.5 % T<br>-0.3% L | Conforms to<br>UNI8629 |
| EN 12311 – 1 | Tensile Strength long<br><br>Tensile Strength Trans | N/50mm<br><br>N/50mm | 640-800<br><br>560-700 |
| EN 12311 – 1 | Elongation at break Longitudinal<br>Elongation at break Transversal | %<br>% | 45<br>45 |
| EN 12310 – 1 | Tear Resistance L & T | N | 150 |
| EN 1109 | Cold Flexibility | $^0$C | --10 |
| EN 1110 | Heat Resistance | $^0$C | 120 |
| EN 1928 | Water Tightness | Kpa | >60 |
| EN 1928 | Water Resistance | % | +2 |

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