

## Technical Data Sheet

### ROAD TAPE BITUMEN

RTB166, RTB250, RTB330, RTB500

Road Tape is ideal for pavement joint sealing, basement waterproofing, concrete crack treatment etc. It is lined with specially formulated corrosion resistant bitumen compound which provides high softening point, high resistance towards ageing. It comprises a high tensile strength, thermo-fusible high molecular weight HDPE film on both sides with composite geotextile (110 gsm). Total nominal mass of Road Tape Bitumen (RTB) is approx. 2800 gsm.



#### Technical Specifications

Property	Standard	Result
Softening Point (°C)	ASTM D 36 / IS 1205	65 - 121 °C
Thickness(mm)	Measurement	2 mm
Penetration @ 250C, 100g, 5sec (mm)	ASTM D 5 / IS 1203	1.2 – 2.0 mm
Heat Resistance, (°C)	ASTM D 146	Does not drip at 100°C
Tensile Strength (N/50mm) - Lengthwise - Crosswise	ASTM D 5147	300 N/50mm 200 N/50mm
Elongation, (% Min.) - Lengthwise - Crosswise	ASTM D 5147	3.8% 3.9%
Tear Resistance - Longitudinal - Transverse	ASTM D 5147	400 N 300 N
Pliability @ 15°C	N/A	Does not break
Filler, (%)	IS 1217	20-30 %
Holiday Test, (kV)	N/A	4.5 kV
Resistance to Water Pressure (kPa)	N/A	>60 kPa
Water Vapour Permeability	ASTM E 96	<0.2g / 24 hr/m <sup>2</sup>

- Surface Preparation: Backfill and smooth cracks and rough milled surface with compatible asphalt filler.
- Installation temperature >5°C
- Primer: Prime with Flexiseal Bitumen Primer.
- Primer coverage 6-8m<sup>2</sup> per litre depending on substrate porosity.
- Do not traffic primed road tape prior to asphalt being laid.
- Asphalt Overlay. Lay minimum 50mm asphalt within 24 hours.