



85/100 Penetration Grade Bitumen / Asphalt Cement

85/100 is a medium-soft penetration grade. It stays flexible at lower pavement temperatures. It suits temperate and cool climates where thermal cracking is the main risk.

Typical applications

- Surface courses on medium-traffic roads
- Chip seal and surface dressing work
- Secondary and rural road networks

Packaging for export

- New steel drums, 150 kg to 200 kg
- Big bags (bitu-bags), 250 kg to 1,200 kg
- Bitutainers for regular bulk volumes

Specifications

Property	Test Method (BS EN)	Test Method (AASHTO)	Specification
Penetration at 25°C (0.1 mm)	BS EN 1426	AASHTO T 49	85-100
Softening Point (°C)	BS EN 1427	AASHTO T 53	43-51
Ductility at 25°C (cm)	BS EN 13589/BS EN 13398	AASHTO T 51	Minimum 100
Flash Point (°C)	BS EN ISO 2592	AASHTO T 48	Minimum 230
Solubility in Trichloroethylene (%)	BS EN 12592	AASHTO T 44	Minimum 99.0
Specific Gravity at 25°C	BS EN 15326	AASHTO T 228	1.01-1.06
Loss on Heating (wt%)	BS EN 12607-1	AASHTO T 47	Maximum 0.5
Residue Penetration after Heating (%)	BS EN 1426	AASHTO T 49	Minimum 55
Kinematic Viscosity at 135°C (mm²/s)	BS EN 12595	AASHTO T 201	350-450
Fraass Breaking Point (°C)	BS EN 12593	AASHTO T 314	Maximum -5
Storage Stability (Difference in Softening Point, °C)	BS EN 13399	AASHTO T 316	Maximum 2

Values shown are typical specifications under BS EN and AASHTO test methods. Request the certificate of analysis for your batch at the time of order.

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