



Bitumen 40/50

This bitumen is produced through aeration on vacuum bottom (the raw material used for making bitumen left in the vacuum distillation column in oil refineries) in bitumen production units. Its penetration grade (a measure of bitumen hardness) is between 40 to 50.

It is applied to areas with warm weather. It is not softened at high temperatures and does not fail its qualities.

TYPICAL SPECIFICATION			
CHARACTERISTICS	UNIT	SPECIFICATION	TEST METHOD
Density	25 ° C	1.01-1.06	ASTM D-70
Penetration (0.1 mm)	25 ° C, 100g, 5s	40-50	ASTM D-50
Flash Point	° C	Min 232	ASTM D-92
Ductility (cm)	25 ° C, 5cm, per minute	Min 100	ASTM D-113
Softening point	° C	...	ASTM D-36
Solubility	in Trichloroethylene	99	ASTM D-2042
Effects on heat and Air (TFOT)%	163 ° C, 5Hr	...	ASTM D-1754
Spot Test	Xylene - Heptane	Negative	
Penetration (0.1 mm) After TFOT	25 ° C, 100g, 5s	...	ASTM D5
Retained Penetration (% of original)	25 ° C, 100g, 5s	Min 58	ASTM D5
Ductility (cm) After TFOT	25 ° C, 5cm, per minute	...	ASTM D113