



BITUMEN R90/40

DESCRIPTION

At the bitumen production reactor, during the air acting, the mixture of the two Vacuum Bottom (VB) and Vacuum Silabes (VS) feedstock pressed under a special and temperature pressure between 200-300 °C of which the hydrogen atoms content in bitumen molecular oxidize to oxygen of air, and obtains with higher hydrocarbons polymerization reaction that has lower penetration and bigger softening points rather than the primary pure bitumen. This kind of bitumen has the softening point of 90 and permeability of 15.

APPLICATIONS

Covering of the floor of water channels- the concrete surface cracks- to cover the cracks in the concrete surface- for other construction works- producing different types of moisture insulation

HEALTH & SAFETY

The MSDS for this product can be obtained on request.

QUALITY SPECIFICATIONS

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CHARACTERISTIC	LIMIT	TEST METHOD
Specific Gravity @25 °C	1.01-1.05	ASTM D 70
Penetration @25 °C, 100gm, 5 sec	35/45	ASTM D 5
Softening Point, Ring & Ball	85/95	ASTM D 36
Ductility @25 °C, After TFOT, Min	5.5	ASTM D 113
Loss on Heating, Max	0.2	ASTM D 6
Flash Point Cleveland Open, Min	260	ASTM D 92
Solubility in CS ₂ , Min	99	ASTM D 4
These data are according to ASTM D 3695 and UNI EN standard		

