



## DATA SHEET OF OXIDIZED BITUMEN 85/25

### Description of oxidized bitumen 85/25

At the bitumen production reactor, during the air acting, the mixture of the two Vacuum Bottom (VB) and Vacuum Silas (VS) feedstock is put under a special degree of pressure and temperature 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 higher softening points than the primary pure bitumen. This kind of bitumen 85/25 has the softening point of 85 and permeability of 25. Oxidized bitumen 85/25 is a semi-solid oxidized grade of pure petroleum bitumen categorized in polycyclic **Oxidized bitumen 85/25** is based on petroleum bitumen which is made by blowing bitumen 60/70 by very hot air. RABIT (RAHA BITUMEN) company guaranty the quality of RABIT Oxidized bitumen 85/25 with the arrangement of the international inspector to check quality and quantity of the bitumen 85/25 during the loading to the vessel and controlling the production by QC by batch test report before shipping. RABIT Company guarantees the quality to meet with ASTM.

### Uses of oxidized bitumen 85/25

*Oxidized bitumen 85/25* uses in the chemical, fuel, paints, lacquers, varnishes, paper-pulp-board, textile processing, road construction, pavement ,crack seal and repairmen, civil works, roofing, construction industries; sealing and insulating buildings, adhesive, construction materials additive, dust-binding, insulating and impregnating agent, make rubber and plastic products. The oxidized bitumen 85/25 products are for paving. also used in asphalt-based paints for corrosion protection of metals, in lining public works structures, adhesives in electrical laminates, base for synthetic turf; typical uses for bitumen 85/25 used also for water-proof application and corrosion resistance for pipe coating, Portland cement pavement, hydraulic applications, paint manufacturing, caulking, mastics, and damp proofing. bitumen 85/25 is using insulation and isolation bitumen membrane sheet. Also, Car undercoating Automobile industry is specially required for Blown Asphalt. Vehicle undercoating material is based on Bitumen. Bitumen provides excellent waterproof, dust proof and noise proof for automobile undercoating.

### Application of oxidized bitumen 85/25

The oxidized bitumen 85/25 should be heated double temperature against the softening point to be able to have flow and viscosity. To use bitumen 85/25, surfaces must be dry, clean and free of loose particles, formwork, curing products, irregularities, slurry, etc.



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## DATA SHEET OF OXIDIZED BITUMEN 85/25

### Storage/handling of oxidized bitumen 85/25

The validity of bitumen 85/25 is 10 years with multi-time heating and cooling, please refer to MSDS.

### Packing of oxidized bitumen 85/25

Various pickings are available for customer's purpose and conveniences. RABIT CO is the manufacturer of oxidized bitumen 85/25 in various packing including Kraft bag, melt able plastic bag, drum, and bulk blown asphalt 85/25 from penetration grade bitumen, which is blown by hot air in a controlled process until the desired specification is reached. RABIT oxidized bitumen 85/25 can be supplied in any grade and are designated by two numbers to indicate the softening point and penetration ranges. The bitumen grade 85/25 means the softening point is 85°C and penetration is 25 desi millimeter is produced in compliance and conformity with ASTM standard and meets the following specification.

### Specification of oxidized bitumen 85/25

### Analysis oxidized bitumen 85/25

Bitumen 85/25	Test method	Unit	Specification
Specific gravity @25/25 C	ASTM D70	(Kg/m3)	1.05 approx.
Penetration @ 25°C	ASTM D5	mm/10	20/30
Softening point °c	ASTM D36	°C	80/90
Ductility @25 °c	ASTM D113	Cm	1.5min
Loss on heating(wt) %	ASTM D6	Wt. %	0.2 max
Flashpoint c	ASTM D92	°C	260 min
Solubility is CS2(wt) %	ASTM D4	Wt. %	99 min
Specific gravity @25/25 C	ASTM D70	(Kg/m3)	1.05 approx.



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