

## OXIDIZED BITUMEN

Blown bitumen grades or Oxidized Bitumen (also called hard bitumen) are produced by passing air through the petroleum Bitumen grades using additives and materials such as Gilsonite. During this process bitumen acquires rubbery properties higher than its original formula and they are simply harder bitumen. Oxidized Bitumen comes in several grades with different penetration and softening points according to the place of application, such as 115/15



bitumen widely used in African countries. Hard bitumen under controlled temperature conditions is widely used as an anti-slip layer compound in the piling industry, roofing felts, waterproofing industries and sound dampening felts. While a major application is also Bitumen Shingles, in the oil industry, blown bitumen is also used in the manufacturing of bituminous marine mastic for the oil & gas pipeline joints.

Oxidized Bitumen Specifications general aspects are demonstrated in the below table:

Oxidized Bitumen General Specifications					
Properties	Test method	115/15	95/25	85/25	90/40
Penetration @25 °C	D-5	10/20	20/30		35/45
Softening Point °C	D-36	110/120	90/100	80/90	85/95
Solubility in CS <sub>2</sub> (wt)%	D-4	99 min			

Available Packaging	
Package Type	Quantity per 20 FCL
25 Kg Meltable Polyamid Bag	21-22 MT
25 Kg Kraft Paper Bag	21-22 MT
25 KG Silicon Layered Carton	22-23 MT
Pallet / Wooden Crate	14-16 MT



Zista Group supplies different grades of Oxidized Bitumen worldwide. The steady supply of Oxidized Bitumen by Zista Group is assured through controlling the raw material input for the factories.

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