



# Bitumen / luk / dammer pakistan



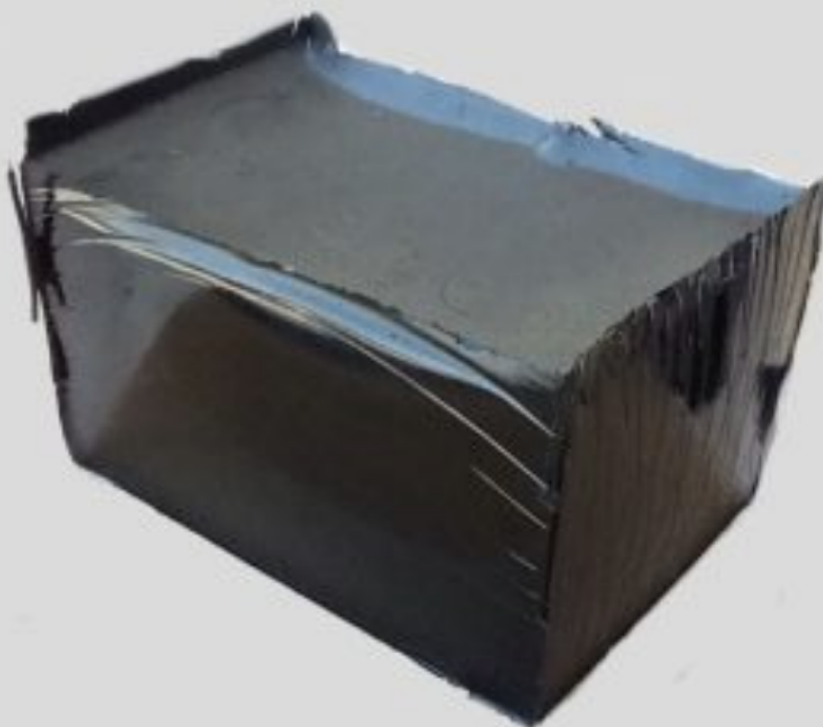


**Bitumen of all grades are available**  
**03099992929**





**Delivery to all over pakistan**







**Example#1:** - Calculate asphalt for 50m long road have 15m breath take 15cm as thickness. Ignore camber. use 2330kg/cu.m dense asphalt

**Solution :-**

Asphalt quantity = Length  $\times$  breath  $\times$  thickness

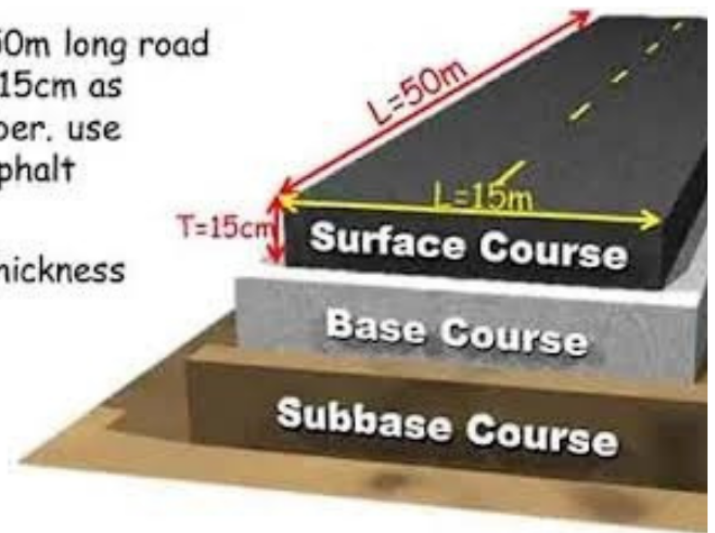
$$\text{Volume} = L \times B \times T$$

$$\text{Volume} = 50 \times 15 \times 0.15$$

$$\text{Volume} = 112.5 \text{ m}^3$$

Asphalt quantity in tons:-

$$\text{Weight of asphalt} = \text{Volume} \times \text{densi}$$



# Road construction grade bitumen

# Technical Data Sheet



## Bitumen

### Bitumen 60/70

Bitumen 60/70 is a standard penetration grade bitumen usually used as a paving grade bitumen suitable to be used in producing hot mix asphalt for road construction and production of asphalt pavements with superior properties as per following technical specification.

Producer:

Akam Bitumen Company

No.	Specification	Acceptable Range	Result	Test Method	Explanations
1	Penetration	60-70	66	ASTM - D5	at 25°C, mm/10
2	Softening Point	49-56	49.5	ASTM - D36	°C
3	Ductility	+100	>100	ASTM - D113	at 25°C, cm
4	Solubility	99.0 Min	99.8	ASTM - D2042	in CCL4, %
5	Specific Gravity	1.01-1.06	1.018	ASTM - D70	at 25°C
6	Spot Test	Negative	Negative	T102	in Naphtha
7	Flash Point	220 Min	315	ASTM - D92	°C
8	Kinematic Viscosity	-	325	ASTM - D4402	at 135°C, c.st
9	Absolute Viscosity	-	2006	ASTM - D4402	at 60°C, Poises
Test on Residue From Thin Film Oven Test (T.F.O.T)					
10	Drop in Penetration	20 Max	8.9	ASTM - D5&D6	%
11	Mass Loss	0.2 Max	0.09	ASTM - D6	Wt%

### Applications:

Bitumen 60/70 is suitable for road construction and for the asphalt pavements with superior properties. This type of bitumen used in the manufacture of hot mix asphalt for bases and wearing courses and the main usage of this product is used in the road in mild regions. The bitumen is provided during the presses of oxidation of vacuum bottom in bitumen production units. Due to its medium air blowing and penetration, it is used in mild areas.



Call us for more details 03099992929







**Bitumen emulsion for roof treatment**



