



# BLOWN ASPHALT



QMS Certified Firm

## 85/25 & 115/15 for Built-up Roofing

### Description:

**BLOWN ASPHALT** is produced by air blowing of petroleum residues. The grade of BLOWN ASPHALT is designated by two numbers, the Softening point and the penetration degree.

### Uses:

BLOWN ASPHALT is used in the construction of built up roofing as bonding or flood coats.

- ❑ 85/25 asphalt is used on inclines not exceeding 25% slope.
- ❑ 115/15 asphalt is used on inclines not exceeding 50%, and is preferred in high temperature areas due to its higher softening point.

### Heating Asphalt:

Asphalt must be heated enough to lower its viscosity to a convenient level (125 cSt). As it cools, its binding ability decreases, the film becomes thick and easily nonbonded. As it gets hotter the film becomes too thin. The maximum temperature allowed in the heating pot varies between 250-270° depending on the type of asphalt (The higher asphalt softening point the higher the temperature allowed).

Caution to be taken not to keep the asphalt at this temperature for a long period of time (Less than four hours). Conserve energy and do not let asphalt cool too much during its transfer from the heating pot to the work area. Asphalt temperature should not fall below 200°C at application point.

These conditions are in agreement with the Jordanian National Building code (V 01.11- Clause 5/2/3 C and 5/5/2).

### Technical Specifications

Property	Result		Test method
	85/25	115/15	
Softening point °C (Min.)	80	110	BS 4692
(Max.)	90	120	
Penetration at 25 °C	25±5	15±5	BS 4691
Loss on heating for 5 hr. at 163°C, loss by mass % (Max.)	0.2	0.2	BS 2000 Part 45
Solubility in T.C.E % by mass (Min.)	99.5	99.5	BS 4690

### Coverage:

It covers from 1 to 1.5 kg/m<sup>2</sup> for single layer dependent upon porosity of surface.

### Standard:

85/25 and 115/15 comply with the requirements of B.S 3690: part 2, and ASTM D312, Type III & Type IV.

Also comply with the Jordanian National Building code (Vol. II-Ch5) Tables No. 15 & 17.

### Cleaning:

- ❑ Tools: Clean with kerosene.
- ❑ Hands: Use kerosene, followed by soap and water.

### Containers:

- ❑ 85 / 25 in 180 kg drums.
- ❑ 115 / 15 in approx. 18 kg stretch plastic wraps.

### Storage:

Store under cover.

BLOWN ASPHALT



### Health and Safety:

- ❑ *Skin burn protection:* Wear suitable protective clothing to avoid contact with molten material. In the event of skin burn, do not try to remove asphalt but cool the contact area with water. The asphalt may be removed by gentle rubbing with kerosene. Seek medical advice for further treatment.
- ❑ *Face protection:* Wear protective eye shields, especially when there is a danger of splashing. In the event of accidental contact, cool immediately with clean water and seek medical advice if necessary.
- ❑ *Fume Inhalation:* No major hazard, nevertheless, use in well ventilated area. In the event of discomfort as a result of inhalation, remove person to fresh air.

- This Technical Data are the average results of tests, measurements and trials carried out by LAMA's own laboratory and RSS laboratories according to international standards such as ASTM, B.S and UEAtc.
- This product data sheet supersedes all previous data publications pertaining to this product.
- This data may be changed, improved or modified by LAMA, in accordance with the Client's requirements, availability of raw material, without advance notice.