

## **AWAZEL OXIDIZED BITUMEN 115/15**

*Oxidized bitumen 115/15 grade*

### **Description**

Oxidized Asphalt produced with selected petroleum asphalts, air-blown to the required specification without catalysts.

### **Features**

- Highly stable during melting
- High flash point
- Ideal to use for tropical regions
- Available in polyamide bags and paper kegs for easy handling
- Conforms to BS 3690

### **Uses**

Used in Built-Up Roof (BUR) construction, manufacturing of some modified asphalt system, installation of bituminous vapor retarder systems and for cementing insulation boards used in various types of roof systems. Besides being used on horizontal surfaces, it can be used on inclines not exceeding 25 % slope. Because of its higher softening point, this asphalt is recommended for use in tropical regions.

### **Instructions for Application**

Asphalt for bonding layers of BUR by mopping or by the pour and roll method, should be heated to a temperature between 180 to 200 °C. The use of a boiler fitted with a thermometer is recommended.

### **Cleaning**

The asphalt can be removed from equipment and tools with kerosene or gasoline.

### **Coverage**

Bonding Coat : approx. 1.5 kg/m<sup>2</sup>  
Flood Coat : approx. 3.0 kg/m<sup>2</sup>

### **Health & Safety**

Personnel should wear protective masks, gloves and goggles during application.

### **Precautions**

Care should be taken when heating the material to avoid over heating.

### **Packing**

Supplied in 145 to 180 kg drums. Also available in cans (18 kg) and in paper Bags of 25 or 45 kg.

### **Storage**

No special storing instructions for asphalt packed in drums, while asphalts packed in polyamide bags and kegs should be stored in a shaded area.

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## TECHNICAL DATA

| PROPERTIES                             | SPECIFICATION |         | TEST METHOD                    |
|----------------------------------------|---------------|---------|--------------------------------|
|                                        | Minimum       | Maximum |                                |
| Softening Point (R&B), °C              | 110           | 120     | BS 2000 Part 58<br>ASTM D 36   |
| Penetration at 25 °C, 0.1 mm           | 10            | 20      | BS 2000 Part 49<br>ASTM D 5    |
| Loss on Heating at 163 °C, 5 hrs, %    | ----          | 0.2     | BS 2000 Part 45<br>ASTM D 1754 |
| Flash Point, Cleveland Open Cup, °C    | 275           | ---     | ASTM D 92                      |
| Solubility in trichloroethylene, wt. % | 99.5          | ----    | BS 2000 Part 47<br>ASTM D 2042 |