



# ATLASKOTE NO 305 BITUMINOUS PRIMER

PDS-BS-305  
20200102  
REV:005

## DESCRIPTION

**Atlaskote No. 305** is a low viscosity bituminous solution. It is highly penetrative and has good adhesion to most surfaces.

## USAGE

**Atlaskote No. 305** is used for priming of surfaces such as concrete, brick, bitumen felt, mastic asphalt, metal and timber, prior to the application of bituminous coating or membrane.

## TECHNICAL DETAILS

### Appearance

It is dark brown to black solution and it gives a black coating on drying.

### Adhesion

It has good adhesion to most surfaces, e.g. cement-asbestos, ferrous metals, slight etched zinc and etc.

### Chemical And Water Resistance

Resistant to water, dilute acids and alkalis.

Not resistant to oils and solvents.

### Viscosity, flow time at 25 °C, seconds, (BS3900 Type “B” 4 Cup)

60 - 120

### Flashpoint, °C

Approximately 45

### Flexibility

The drying coating may be bent on a 6mm mandrel through 180° without cracking or loss of adhesion. (BS 3416:1991, clause 9-Appendix B(B.5); Method – BS 3900:Part E1).

### Heat Flow Resistance

The cured film will not flow or sag under direct sunlight.

### Shrinkage Factor

Approximately 41% when fully dried.

### Density @ 25 °C, g/cc (Density cup 100 cc– ASTM D1475)

0.87 – 0.93

**ATLAS INDUSTRIES SDN. BERHAD** (Company No: 7767-D)

P.O Box No. 7005, Lots 12 & 14, Jalan Dawai 16/2, Industrial Estate, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia.

Tel: 603-55191137 Fax: 603-55105123 Email: [info@atlaskote.com](mailto:info@atlaskote.com) Website: [www.atlaskote.com](http://www.atlaskote.com)

This information is issued as a guide to the use of Atlaskote Product(s) concerned, and whilst every effort is made to ensure the accuracy of the text which is in accordance with the latest technical developments we cannot accept responsibility for any work carried out with our materials, as we have no control over the method of application used or conditions of the site involved.

It is also not to be taken as warranty or representation for which we assume legal responsibility nor as permission or recommendation to practice any patented invention without a licence. It is offered solely for your consideration, investigation and verification.

**Nonvolatile Content, %weight, (ASTM D1644, Method B)**  
Minimum 50.

<b>PDS-BS-305</b> <b>20200102</b> <b>REV:005</b>
--

**Toxicity**  
Non-toxic

**Storage Life**

12 months under good storage conditions in sealed containers. Store in tightly closed containers under cover and in accordance with the Highly Flammable Liquids Regulations, away from sources of heat and ignition.

**APPLICATION**

The surface must be clean, dry and sound. A thin coat is applied by brush or spray. Allow to dry completely before overcoating.

**Application Temperature Limits, °C**

0 to 50

**COVERAGE**

Apply one coat at 0.10 to 0.20 litre per m<sup>2</sup> depending upon porosity of base.

**HANDLING PRECAUTIONS**

Clean hands and tools with kerosene or solvents.

**PACKING**

**Atlaskote No. 305** is available in 5-litre tin, 20-litre pail, 210-litre drum.

**TECHNICAL SERVICE**

Our Sales Department can assist you in the proper use of our products and you are free to consult them on any matter regarding our product.