



ATLASKOTE NO 305-50 BITUMINOUS PRIMER

PDS-BS-305-50
20200102
REV:002

DESCRIPTION

Atlaskote No. 305-50 is a low viscosity bituminous solution. It is highly penetrative and has good adhesion to most surfaces.

USAGE

Atlaskote No. 305-50 is used for priming the electrical cable and most 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.

Application Temperature Limits, °C

0 to 50

Viscosity at 25 °C, seconds, (BS3900 Type "B" 4 Cup)

40 - 60

Flexibility

The drying coating may be bend on a 1inch mandrel through 180° without cracking or loss of adhesion. (Method – BS 3416:1966 Appendix E-Test for Flexibility)

Fire Resistance

Flash point : approximately 45°C (Cleveland Open Cup).

Auto-ignition point : approximately 245°C (Cleveland Open Cup).

Heat Flow Resistance

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

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Shrinkage Factor

Approximately 50% when fully dried.

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

0.87 – 0.93

Toxicity

Non-toxic

Nonvolatile Content, %weight, (ASTM D1644, Method B)

Minimum 50

Packing

Atlaskote No. 305-50 Bituminous Primer is available in 1-litre tin and 200- litres drum

Application

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

COVERAGE

Apply one coat at approximately 0.1litre per m² depending upon porosity of base.

HANDLING PRECAUTION

Clean hands and tools with kerosene or solvents.

STORAGE LIFE

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

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.