



ATLASKOTE NO 801R HOT APPLIED BITUMEN SEALANT

PDS-HA-801R
20200102
REV:006

DESCRIPTION

A hot-applied **Polymer Modified Bitumen**. It has excellent adhesion property, non-permeable to water mild chemical solutions, ultra-violet resistance and non-flow or drip under direct sunlight.

USAGE

Atlaskote No. 801R is used as follows:

- * As sealant and filler for all construction or expansion joints.
- * As sealant and filler for weak points and surface cracks on concrete roof before applying **Atlaskote Roof Waterproofing** materials.
- * Bonding of floor tiles.

TECHNICAL DETAILS:

Colour

Black

Characteristic

Thermoplastic

Chemical Resistance

Resistant to water, saturated salt solutions, mild acids and alkalis.

Softening Point (ASTM D36 replaced ASTM D2398 (1984)), °C

80 – 100

(Passed -refer to SIRIM test report 532/2/11 Klt.3)

Penetration (0.1 mm @ 25°C, 100gm, 5 seconds), ASTM D5

15-35

(Passed -refer to SIRIM test report 532/2/11 Klt.3)

Flow Test(resistance of joint sealants to flow in hot weather), (BS 2499 : 1973 (Appendix C)), %w/w

Nil.

(Passed. < 15% w/w for BS 2499 : 1973 (Appendix C)), -refer to SIRIM test report 532/2/11 Klt.3)

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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.

Specific Heat Capacity, J/kg °C
Approximately 2100

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Solid Content
100%.

Specific Gravity
1.05 to 1.12

Storage life
24 months under good storage conditions and in undamaged containers.

Substrate Preparation

1. Substrate has to be dry, free of oil and loose particles.
2. For treatment of weak points and cracks, hack a 'V' shape groove not smaller than 40 mm width and 25 mm depth along the weak point or crack.

APPLICATION

1. Heat **Atlaskote No. 801R** to pouring temperature range between 150°C to 200°C. Avoid localised heating above 230°C. To achieve good adhesion, temperature of **Atlaskote No. 801R** shall not fall below 130°C at the instance of contact with substrate.
2. **Atlaskote No. 801R** can be applied to any thickness in one-time pouring. Allow for 10% shrinkage of hot material at 150°C on cooling to room temperature.
3. Direct flame torching may be used to remelt applied material for levelling off. Avoid localised flame heating exceeding 10 seconds which would light up the material.

PRECAUTION

Avoid melting of content in metal container by localised heating at bottom of container. Pressure would build up at the bottom of the container and cause explosion.

Heating of metal container shall be either starting from the upper side or heating shall be equally applied to all sides of the container.

CLEANING SOLVENT

Kerosene or other strong solvent

PACKING

Atlaskote No. 801R is available in 20kg pail.

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 products.