



**ATLASKOTE NO 806H  
HOT-POURED  
BITUMEN SEALANT**

**PDS-HA-806H  
20200102  
REV:003**

**DESCRIPTION**

**Atlaskote No. 806H** is a hot-poured, polymer modified bitumen compound. It remains solid, stable and still flexible under the extreme tropical weather conditions. It passed the Bond Testing; Determining of adhesion and cohesion following extension and compression, BS2499:Part 3: 1993 – Hot-applied joint sealant systems for concrete pavements.

**USAGE**

**Atlaskote No. 806H** is used as an expansion movement joint sealant for horizontal joints in asphalt or concrete pavements, bridges, roads, and airfields.

**TECHNICAL DETAILS:**

**Colour:**

Black.

**Form:**

Plastic solid.

**Chemical and Water Resistance:**

Resistant to water, mild acids and alkalis.

**Softening Point (ASTM D36), °C.**

100 - 120.

**Needle Penetration ( ASTM D5 ) @ 25 °C, dmm:**

5 - 20

**Flash Point (ASTM D92):**

Approximately 300°C.

**Flow Resistance (ASTM D1190):**

1 mm ( ± 0.5 mm ) @ 70 °C.

**Heating Period:**

6 hours max.

**Pouring Temperature:**

150 °C - 175 °C.

---

**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.

**Solid Content:**

100%.

**PDS-HA-806H**

**20200102**

**REV:002**

**Specific Gravity (ASTM D70) @ 25 °C:**

Approximately 1.3 .

**Storage Life:**

24 months under good storage conditions and in undamaged container.

**SURFACE PREPARATION**

Remove any dirt, loose material, grease, oil or laitance. Then clean and dry joint surface.

**PRIMING**

Prime all joint surfaces with **Atlaskote No. 305 Bituminous Primer**.

**APPLICATION**

1. Heat **Atlaskote No. 806H** to pouring hot temperature range between 150 °C to 175 °C. Avoid localised heating above 180 °C.
2. **Atlaskote No. 806H** can be applied to any thickness in one time pouring or trowel. Allow for 10% shrinkage of hot material at 150 °C on cooling to room temperature.
3. Direct flame of the LPD torch may be used to remelt applied material for levelling off. Avoid localised flame heating exceeding 10 seconds which would light up the material.

**Note:**

It is recommended that the aggregate used in the asphaltic expansion joint sealant shall be as defined in BS 63 and the stone used shall follow BS 812.

**Coverage:**

1.3 kg/mm/m<sup>2</sup>

**PRECAUTION**

1. 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.
2. Also avoid water to come into contact with the molten material as it may cause to boil over.
3. Wear suitable protective clothing, gloves, and face shields.
4. If molten material comes into contact with the skin, do not remove or immerse the affected area in water, but seek medical treatment without delay.

**PACKING**

**Atlaskote No. 806H** is available in 25 kg block, carton or 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 product.