



Armourseal® BP11

Crack & Joint Sealing



INSTALLATION METHOD STATEMENT Latest Revision - April 2006

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1. GENERAL DESCRIPTION:

Hot applied polymer modified bituminous joint sealant materials complying with the requirements of EN14188-1:2004 Types N1& N2. The products are suitable for installation into concrete and asphalt joints on Highway and Airfield pavements in temperate climates.

2. PRODUCT:

The **Armourseal BP11** is hot poured, low extension rubber/bitumen joint sealant suitable for internal and external horizontal jointing.

3. GENERAL:

- 3.1 Put out traffic management in accordance with the Department of Transport Traffic Signs Chapter 8 1991 or as agreed between the purchaser and installer to ensure work can be carried out safely.
- 3.2 Light mixer to heat up **Armourseal** joint materials.

4. SURFACE PREPARATION:

- 4.1 The joint slots to be treated shall be thoroughly cleaned and dried using Hot Compressed Air to remove any dust, debris and loose material from the joint and adjacent surface area. In concrete joint slots, a suitable primer shall be used to treat the joint faces prior to the installation process. No primer is required in asphalt surfaces

5. MIXING & APPLICATION:

- 5.1 The systems are normally applied when the ambient air temperature is above 3°C however the materials are designed for application at temperatures of 0°C and rising providing the surface is dry and free of frost and salt deposits.
- 5.2 The material should be heated in a suitable size preheater fitted with thermostatic controls and horizontally mounted agitator. The application temperature ($175\pm 10^{\circ}\text{C}$) and maximum safe heating temperature (190°C) of the material shall be controlled in accordance with the manufacturers recommendations.
- 5.3 Carefully load the required amount of product into the preheater ensuring that the temperature controls under (5.2) are observed.
- 5.4 Raise the temperature of the material to $175 \pm 10^{\circ}\text{C}$ and mix until fully homogeneous. Maintain the application temperature range throughout the mixing and application process.
- 5.5 **Armourseal** Joint Sealant shall be installed in accordance with the practices detailed in the HESA Standard for the Application of hot Applied Joint Sealants for Concrete and Asphalt Pavements.
- 5.6 The installed **Armourseal** joint system should be allowed to cool to ambient temperature before re-opening the site to traffic.



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6. SAFE HANDLING PRECAUTIONS:

- * **Do not exceed the maximum safe heating temperature.**
- * **Do not allow the hot material to come into contact with water as the product **WILL REACT VIOLENTLY.****
- * **Always wear the recommended protective clothing.**

7. SAFETY CLOTHING & EQUIPMENT:

The following safety clothing and equipment must be worn **AT ALL TIMES** when handling, mixing or applying **Armourseal Joint Sealant** materials:

- Hand Protection:** Gloves - Industrial type, heat resistant with elasticated sleeves.
- Eye Protection:** Safety Glasses, Goggles, Face Shield (When Transferring Molten Material).
- Skin Protection:** Overalls (Flame retardant) and Closed Safety Boots.
- Respiratory Protection:** Vapour Mask when handling hot product.

This data is provided for your information and your attention is drawn to the appropriate package labelling and the product safety data sheet. Users of the product must ensure its proper use in accordance with good industrial practices, proper medical advice and any official or Government notice or publication. This information is provided gratuitously independent of any sale of the product and does not form part of any contract or sale nor does it constitute any representation, warranty or condition of merchantability or fitness for any purpose.

Manufactures & Suppliers of:
Joint Sealants
Bituminous Repair Compounds
High Friction Surfacing
Colour Coated Aggregates
The Complete Highway Service

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