

**Horizontal Joint Sealant**

**Description** **Flex Joint H, at Modified Bitumen Joint Sealant**, consists of a homogeneous mixture of a special synthetic rubber, chemical additive, mineral filler and special bitumen.

**Uses** This is a high quality bitumen joint sealant for numerous industrial application. Acts as a hot-poured sealant for horizontal joints in pavement and buildings.

**Outstanding Features**

- \* Resistant to stress caused by varying temperature
- \* Flexible and easy application
- \* Durable.

**Preparation & Application** Ensure the joints are thoroughly clean.

Heat the sealant to the pouring temperature which is about 160°C to to 180°C. At no time shall it exceed 190°C.

Prime the joint sides with AT Bituminous Primer and allow to dry completely.

Pour the joint sealant on the same day within few hours after priming.

Clean tools with white spirit or kerosene.

**Technical Specification**

Typical Property	Specified Limit	Test Method
Relative Density at 25°C, g/cm <sup>3</sup>	1.1 – 1.3	ASTM D 71
Softening Point (R & B) °C	85 – 105	ASTM D 36
Pour Point °C	160 – 180	ASTM D97
Penetration at 25°C, 0.1 mm	10 – 30	ASTM D5
Flow, (5h/ 60 °C / 75 slope)mm	1	ASTM D5329
Bond Test	Passed	ASTM D5329
Elongation at Break %	1,200 min	ASTM D412

**Packaging** : 20 kg pail

**Storage Shelf Life** 12 months from date of manufacture in original sealed container stored undercover 25 °C, at ambient temperature away from heat, and dry conditions.

**Handling Precautions**

Wash off any bitumen sealant on the skin with Xylene before it dries. During mixing and application ensure adequate ventilation since the bitumen sealant component contains asphalt bitumen which is volatile and may cause eye watering in confined spaces. Avoid generation of airborne dust during mixing. Flex Joint Liquid Sealant contains more than 20% Asphalt/Bitumen and, therefore, in line with current legislation, is classified as irritating to eyes and skin. For this reason the following precautions should be observed: - Avoid contact with the skin and eyes; in case of contact with the eyes, rinse immediately with plenty of water and seek medical advice; wear suitable gloves and keep the product out of the reach of children.

**The General Term & Conditions**

All recommendations for use of our product, whether given by us in writing, verbally, or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Notwithstanding any such recommendations the Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for this intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility therefore. The Buyer shall ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with and subject to our general conditions of supply.

The above mentioned details Specified key data are individually checked throughout, guarantee, and included in the certificates of Analysis (CoAs). & Typical key data are spot checked, the value are typical for the product and are indicated for information only. The values are not guaranteed or included in the CoAs.

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