

Horizontal Joint Sealant

Description **Flex Joint H, at Modified Thermajoint/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 thermajoint/bitumen joint sealant for all types of horizontal joint, is mean numerous industrial, building joint application& bridge expansion joint. 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 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.

For Road Pavement Joint Or Bridge Expansion Joint Mixing Ratio

: **Flex Joint H** 100% Mixing Volume [17.50 Litre per Pail]
 : **20mmØ Aggregate** 25% Mixing Volume [4.38 Litre]

Heating Temperature Using gas burning pot to heat 160-180°C, heating should done at bottom of pail, in the meantime, to be heating on side of perimeter of pail too.

Heated time cannot exceeding more than 30 mins& heating temperature cannot exceeding more than 200°C, over heating will destroy the properties of material

No Direct Flame to the Flex Joint H compound as this will destroy it's the properties.

Technical Specification

Typical Property	Specified Limit	Test Method
Relative Density at 25°C, g/cm ³	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



Flex Joint H

Therma joint or Rubber Bitumen Sealant Data Sheet

Packaging : 20 kg pail [17.50 Litre per 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.

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Health & Safety Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health & Safety Data Sheets, available from **LAMACO Malaysia** on request and sent with each delivery.



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