

HIND SEALANT BP (HA-FR)

HOT APPLIED COAL TAR BASED FUEL RESISTANT SEALING COMPOUND



DESCRIPTION

Hind Sealant BP (HA-FR) is Aa thermoplastic compound. When it is hot it flows within the joint and settles down to a plasto-elastic mass when it becomes cold. It is fuel/heat resistant and is ideal to be used as a sealant in construction of runways, highways etc. It conforms to **IS: 1834-1984, Grade B**.

USES

- Joints in Runways.
- Bridge/Road Joints.
- Joints in filling station and other places of construction joints like in warehouse floors and secondary containment of walls and floors of artificial ponds and garages.

ADVANTAGES

- Low susceptibility to flow/melt during hot weather.
- Withstand expansion without cracking.
- Prevents root growth since it is anti-corrosive.
- Resistant to sunlight, rain and cyclic temperature changes.
- Unique adhesion to concrete and other surfaces.
- Fuel spillage resistant.
- Jet exhaust heat resistant.
- Prevents root growth and possess anti-corrosive properties.
- Resistant to ingress of foreign substance.

SURFACE PREPARATION

Surface must be dry, clean and free from grease, wax, oil and any loose or other material with air jetting, which may inhibit adhesion of putty. Remove loose rust and scale with a wire brush prior to application. Best results are obtained when the surface is dry.

PREPARATION OF MATERIAL

The container of **Hind Sealant BP (HA-FR)** is to be heated at **180-210°C** for complete melting by mild hand stirring for uniformity. A **26 Kg container** will require **2-3 hours** time at a temperature ranging from **190-210° Centigrade** for complete melting using a hand stirrer. Overheating is not recommended which will cause frothing. If bubbles are seen during melting the temperature to be maintained should be **180°C** for a longer period of time with slow manual stirring until all bubbles disappear.

APPLICATION

- Application of a primer coat of **Hind Bitkote (CT)** @ **0.30L/Sq.Mtr** before sealing with **Hind Sealant BP (HA-FR)** and allowed to get dry for 24 hours.
- The molten **Hind Sealant BP (HA-FR)** is now poured into the joint from one side and allowing it to travel along the joint as much as practicable.
- It should be ensured that the temperature should be in the range of **175-180°C** during the time of application.
- Wooden boards to be placed on both side of the joint to avoid spillage during pouring. It is advisable that the pouring process is carried from container with extended spout.

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PROPERTIES

| Aspect | Black Mass |
|---|---|
| Flow Test at 45°C % (max.) | 5 |
| Pouring Point Temperature | 180°C max. |
| Aviation/Kerosene Resistance Test, change in Penetration after 7 days immersion in Aviation fuel/ Kerosene at 25°C, 100gm/0.1mm/5 sec, Max. | 15 |
| Penetration 25°C, 0.1mm, 5 secs. | 15-50 |
| Extensibility, mm (min) | 6 |
| Change in Mass % (max) | 1 |
| Coverage (Kg) 100 meters of running joint of 25mm depth, Kgs. | 12mm Wide - 44 Kg 18mm Wide - 66 Kg 25mm Wide – 92 Kg |

PACKING

Available in 26 Kg. and 260 Kg. Drum.

STORAGE

Hind Sealant BP (HA-FR) is to be stored in a cool and dry place under shed and protected from heat.

HANDLING PRECAUTION

Hind Sealant BP (HA-FR) is inflammable. Use Goggles, Gum Boots, Hand Gloves & Nose cover during application. If contact with eyes occurs wash well immediately with water and seek medical advice. After application clean hands with warm soap water. If swallowed seek medical attention immediately. Do not induce vomiting.

IMPORTANT NOTICE :

Hindcon Chemicals maintains a team of technically trained professionals to provide full support to your problems in construction, and recommend the correct product to suite your specific requirements. Our authorized applicators can attend your site for application of the products. The content of the Technical datasheet are for general information and guideline. The result shown here are generated from our laboratory or from our site experiences.

Quality of our products are maintained as per ISO9001:2008 recommendations and continuous researches. The behaviour can change as per the prevailing conditions at the time of applications. Since **HINDCON CHEMICALS LIMITED** has no control over the use to which the users may put the material, it does not claim or warrant that in the user's particular circumstances, the result that the user will obtain from the product will be the same as those described in this communication or that the user will find the information or recommendations complete, accurate or useful. The client must test and ascertain the safety and fitness for the product for use. The right to change the properties of the products is reserved with us. The proprietary rights of third parties must be observed. All orders are accepted subject to the terms of sale and delivery. Users must always refer to the most recent issue of the latest Data Sheet for the product concerned, copies of which will be supplied on request.



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