



HIND SEALANT PU (2K)

PRODUCT DATA SHEET

TWO COMPONENT POLYURETHANE SEALANT

DESCRIPTION

Hind Sealant PU(2K) is a low modulus, two part pitch free polyurethane elastomeric pavement sealant formulated to accommodate continual movement. It is resistant to fuel, oil, hydraulic fluid and skydrol and remains in a stable condition when exposed to high temperature and high humidity climatic conditions. It conforms to **BS 5212** and **US Federal Specification SS-S 200 E**.

USES

Hind Sealant PU (2K) is used for the sealing, maintaining and resealing of movement joints in concrete pavements, airport runways, concrete roads and hard standings. It is fuel resistance and non-propagation of flame make it the most appropriate joint sealant for sealing joints where fuel, oil, hydraulic fluids and skydrol spillage may occur such as Aircraft fueling areas, oil installations, fuel station forecourts, parking areas, Ports and wharfage and Warehouses.

ADVANTAGES

- Excellent adhesion to many substrate.
- Good chemical resistance and high tear resistance.
- Excellent weather resistance .

APPLICATION

The entire content from the tin containing Curing Agent is emptied into the larger Base Component tin and mixed properly with a hand-held slow speed (**300 - 400 rpm**) drill machine fitted with a stirrer for **one minute**. The drill machine is put to stop and scrape around the top of the tin so that no curing agent remains unmixed. Continue mixing for a further period of **3 minutes** until the material is thoroughly mixed. It is then applied into the joint using either a **600ml or 1500 ml** solid barrel gun. Wherever wider joints have been designed the sealant may be poured directly from a crimped tin.

PROPERTIES

Aspect/Form	Two part Compound
Colour	Grey/Black
Mix Ratio	90 : 10 (Base : Curing Agent)
Base Compound	Viscous Liquid
Curing Agent	Liquid
Curing Mechanism	Chemical cure
Mixed Density	1.37 Kg/Ltr at 30 ⁰ C
Setting Time	After 10 to 16 hours at 35 ⁰ C
Hardness Shore A	15 ± 5 at 25 ⁰ C
Solid Content	99%

SHELF LIFE

Best before 12 months from the date of manufacture in unopened condition. Keep in cool and dry place away from direct sunlight between 10⁰ C to 35⁰ C.

PACKING

Base 3.200 Kg Tin & Curing Agent (Reactant) 0.800 Kg Tin or as required.

HANDLING PRECAUTIONS

Hind Sealant PU(2K) is non-toxic. If contact with skin occurs must be cleaned with suitable solvents. If contact with eyes occurs, wash well immediately with water and seek medical advice.

Note:

- **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 **ISO9001:20015** recommendations and continuous researches. The behavior 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.

HINDCON CHEMICALS LIMITED

(AN ISO 9001: 2015 COMPANY)

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