



## HIND COAT PPU

### PRODUCT DATA SHEET

#### TWO COMPONENT COAL TAR PITCH MODIFIED POLYURETHENE COATING

##### DESCRIPTION

**Hind Coat PPU** is self priming, Two Component Coal Tar Pitch Polyurethane coating, black in color used to protect steel, concrete structures, timber and other construction materials in corrosive environment. It is an excellent abrasion resistant anti-corrosive coating system.

##### USES

**Hind Coat PPU** is recommended as a coating material for protection of Tanks, Piping (concrete, steel), Underground Structures, Foundation walls and sumps. Submerged Structures, Concrete and Steel surfaces in sewage treatment plant, Sheet Pilling, Chemical Plants, Crude oil storage tanks, Paper Mills, Dams, Barrage gates, Penstocks etc.

##### ADVANTAGES

**Hind Coat PPU** is manufactured and packed in two separate components in a convenient ratio of 1:1 by volume, eliminating the need of weighing at site during mixing. It cures to a hard, smooth surface and possesses exceptional resistance to the effect of water immersion, salt water, oil, acids, alkalis, crude oil, minerals etc. The cured coating is flexible and affords excellent resistance to impact, thermal shock and abrasion.

##### SURFACE PREPARATION

###### Concrete

Mechanical grinding or other suitable preparation is recommended for obtaining best results on concrete. Compressed air is used to remove residual dust or use brush to remove dust completely. Compressed air should be oil free. Apply only to dry surface.

###### Steel

Steel surface, which are to receive coating should be prepared by sand blasting or power tool or mechanical cleaning to a commercial grey metal finish. If prepared surface is contaminated by moisture or other contaminants, they should be re-blasted. Use suitable Epoxy or PU Primer if required.

##### MIXING

**Hind Coat PPU** coating system is thixotropic in nature. It requires efficient stirring before application. The two component system is packed in two containers in the ration of 1:1 by volume. First mix each component separately until uniform and then mix the components in the specified ratio until homogenous. For best result, use a variable speed drill mixer with a spiral type blade at the bottom stirrer rod. The speed may be 400 – 600 rpm.

Place the spiral blade at the bottom of the container before starting the mixer. This will help avoiding induction air into the mass. slowly move the stirrer head up to the surface while stirring. Do not remove the blade while still it is spinning. This procedure is continued for 5 minutes up and down to have a homogenous mixing. Allow the combined mix to sit for an induction time of 5 minutes. Stir again gently with a hand stirrer to ensure uniformity before application.

## APPLICATION

For best results, apply two coats of **Hind Coat PPU** by brush, roller or spray. First coat should be allowed to dry tack free before application of second coat. The second coat should be applied as per enclosed technical data. Wipe first coat with MIBK and wipe dry with cloth before second coat or it may also be applied directly.

## PACKING

**Hind Coat PPU** is available in 10 Kg. and 20 Kg. packing.

## STORAGE

Best before 12 months from the date of manufacture. Should be stored in a cool and dry place away from direct sunlight at temperature ranging between 2<sup>0</sup> C (Min.) and 50<sup>0</sup> C (Max.). Do not expose or open container during high humidity conditions.

## TECHNICAL DATA

Color	Black
Specific Gravity	1.15 Kg / L approx
Minimum Dft.	75 micron / coat.

## HANDLING PRECAUTION

**Hind Coat PPU** is non-toxic but ingestion is to be avoided. Any splashes to the skin must be washed with water. If contact with eyes occurs, wash well immediately with water and seek medical advice.

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### 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 ISO9001:2008 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.

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(AN ISO 9001: 2015 COMPANY)

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