

PROTECTIVE COATINGS

DATA SHEET NO. PC-820

PCBIT 111 HIGH-BUILD BITUMEN (WRAS, U.K. - Approved Product)

PRODUCT

High-build protective Bitumen Paint having passed the tests of effect on water quality, is suitable for use in contact with Potable water, duly approved by the Water Regulations Advisory Scheme (WRAS) UK.

PROPERTIES

Quick drying, all weather resistant, water proof paint. It is non-carcinogenic product and a tough, highly water resistant and resistant to U/V degradation.

TYPICAL USE

Suitable for ferrous surfaces. This paint has wide application for MS tubes, rods, structural construction and Ductile Iron Pipes & Fittings etc. in contact with potable water. This paint may also be effectively used for concrete / cement prevent water loss.

SURFACE PREPARATION

This paint is suitable as a finishing layer over zinc coated ferrous surface. No blasting is necessary when zinc coated surface is used for coating.

In case of bare surface, without coating, the surface before application of paint should be free from grease, oil, dirt, dust, moisture, welding splatters, soots, specks etc.

Where shot blasting is not possible, in such cases acid cleaning or mechanical cleaning is recommended.

TYPE

Ready mixed, self-curing.

COMPOSITION

It is composition of high melting Bitumen, Mica & Barytes.

APPLICATION

By Roller coating/Brush. Air Spray and also by Airless Spray.

Preferable -wet on wet 2 coats.

Airless spray system : The automising pressure should be between 150 & 200 bar. It varies with fluid hose length and consistency of the material which also depends on the ambient temperature. Tip size may be 0.50 - 0.65 mm.

RECOMMENDED D.F.T.

75 ± 10 microns (minimum).

DRYING TIME

Surface Dry : 20 minutes.

Hard Dry : Within 8 hours.

Tack Free : Overnight.

COVERAGE (THEORETICAL)

5 to 6 sq.mtr. per ltr. per coat for smooth surfaces.

VOLUME SOLIDS

50 ± 5%

NON-VOLATILE CONTENT

67 ± 5%

FLASH POINT

27°C (Abel closed cup).

SOLUBILITY IN WATER

NIL.

COLOUR

Black & Brown.

FINISH

Smooth & Egg Shell to Matt.

PACKING

200, 20 & 4 ltr.

SHELF LIFE

Not more than one year from the date of manufacturing for an airtight and properly sealed container in ambient temperature.

THINNER

Use PCC Super Synthetic Thinner (if necessary) for better results.

(P.T.O)

MECHANICAL CLEANING :

Surface should be perfectly cleaned by scrapping and mechanical wire brushing to Swedish Standard - SIS/05 5900 ST₂ to ensure remove of all sorts of dirt or any such foreign articles and to achieve a thorough clean surface. Surface should be free of grease, dirt, moisture and any oils, heavy oil or hydrocarbon deposits. Lastly thorough washing or mechanical brushing down of the article is to be done to remove residues still left. If required, our super synthetic thinner may be used for such cleaning.

SAFETY PRECAUTIONS :

Please see Health & Safety data sheet.

GENERAL INFORMATIONS :

- A). Drying time and overcoating time will vary with (a) film thickness (b) humidity (c) temperature (d) ventilation and natural or artificial air movement. The ventilation is essential specially in potable situations.
- B). Unless specially formulated, the general Bitumen Paints are incompatible with most of the other surface coatings and should not be used in the same systems.
- C). It is also to be noted that hard dry time is arbitrary and does not mean complete evaporation of solvent and it is imperative that the solvents are completely evaporated.
- D). (a) The WRAS, UK, Approval No.0412504 (Factory), (b) Satisfies BS 3416, Type II, Potable Water.

NOTE :

For adverse and drastic climatic and corrosive atmospheric conditions, suitable anticorrosive and protective primer or primer surfacer is to be coated before application of PCBIT 111. The detailed information may be furnished on request.



Chanda Paints

P C CHANDA & COMPANY (P) LIMITED

RAVIAUTO HOUSE

103, PARK STREET, KOLKATA 700 016.

PHONE: +91 (033) 2227-2525/2526

FAX: +91 (033) 2227-2528

e-mail: chandapaints@vsnl.net