

PRODUCT

Highbuild Bitumenous Coating developed to meet the standards as specified in BS 3416 / 91 Type II having passed the tests of effect on water quality is suitable for use in contact with potable water at 60°C duly approved by Water Regulations Advisory Scheme (WRAS), UK.

PROPERTIES

Non-toxic, Quick drying, weather resistant, water proof paint. It can also resist hot water temperature upto 60°C.

TYPICAL USES

Suitable for ferrous surfaces. This paint has wide application for MS tubes, rods, structural construction and also for ductile iron pipes & fittings in small surface area in potable situation. This paint may also be effectively used for concrete / cement and to 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.

NOTE :

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.

MECHANICAL CLEANING

Surface should be perfectly cleaned by scrapping in case of bare surface and mechanical wire brushing to Swedish Standard - SIS/05 5900 ST2 to ensure removal 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. If required, our super synthetic thinner may be used for such cleaning.

TYPE

Ready mixed, self cured.

COMPOSITION

It is composite of specially processed high melting bitumen, micronised 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 / COAT

75 ± 10 microns.

CORRESPONDING W.F.T. / COAT

138 - 181 microns.

THEORETICAL SPREADING RATE

7.2 - 5.5 m² / Ltr. / coat.

DRYING TIME

Surface dry : 20 minutes.

Hard dry : Within 8 hours.

Tack Free : Overnight.

VOLUME SOLIDS

47% approx.

NON-VOLATILE CONTENT

58.0 ± 3%.

FLASH POINT

27°C (Abel closed cup).

SOLUBILITY IN WATER

Nil.

COLOUR

Black & Brown.

COVERAGE WITH LOSS FACTOR

i) 20% : 5.8 - 4.4 m² / Ltr. / coat.

ii) 30% : 5.0 - 3.9 m² / Ltr. / coat.

iii) 40% : 4.3 - 3.3 m² / Ltr. / coat.

FINISH

Smooth & Egg Shell to Matt.

SHELF LIFE

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

PACKING

200 & 20 ltr.

THINNER

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

(P.T.O)

SAFETY PRECAUTIONS

Please see Health & Safety Data Sheet.

GENERAL INFORMATION

- 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). It 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 HT.



P C CHANDA & COMPANY (P) LIMITED

RAVI AUTO HOUSE

103, PARK STREET, KOLKATA 700 016.INDIA.

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

FAX : +91(033) 2227-2528

e-mail : chandapaints@vsnl.net