



More than colour

CHROMATIC BITUMEN EMULSION WATER PROOF PAINT

PRODUCT DESCRIPTION AND USES:

Chromatic Bitumen emulsion water proof Paint is used for providing damp proofing for below ground concrete structures which are above the water table as well as parapet walls and Concrete Roofs. It is also used as a moisture vapor barrier on block works and concrete surfaces prior to cladding. Its a non-Newtonian property designed to become more solid than it is when compressed. It changes its viscosity when loaded by stress and becomes less viscous. It is a flexible protective barrier to vapor transmission. The coating dries to form a black film layer that forms a tough barrier to vapor transmission.

SURFACE PREPARATION:

Surfaces should thoroughly be cleaned of all contaminants like dust,oil,grease. All surface imperfections and protrusions should be removed and repaired. Structurally unsound and friable concrete must be removed and repaired with a suitable concrete repair mortar.

FEATURES:

- Antifungal
- Economical
- Easy to apply
- Cold applied
- Water based
- Adheres to Concrete,Metal,Wood
- Can be applied in closed or confined spaces
- Resists the attack of salts like Chlorides and sulphates that are present in the soil

PRIMING:

Chromatic Bitumen emulsion water proof Paint is self priming. However it is recommended to dilute the same bitumen emulsion paint with 20% water and use it first as primer prior to the final coating. This helps to penetrate into the concrete pores and seals the substrate. It also acts as an adhesion promoter for further coatings. The primer may be applied by a brush or roller . Allow the primer to dry before any further coats are applied. However, if the primer after application is left open for more than 24 hours after it becomes dry, clean the surface of any settled dust and apply a fresh coat of the primer.

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APPLICATION:

Temperatures should be between 10°C to 55 °C. Application Procedures may vary slightly depending upon the site conditions. Stir the contents of the bucket thoroughly prior to application to remove any sediment. The application can be done with a roller or brush. Apply the coating at a coverage rate of 1 ltr per 4 m² per coat, depending on the dry film thickness required. For highly demanding situations, it is recommended to apply in multiple coats. Further coats shall be applied only after the previous coat dries off completely. However, the coverage depends on the smoothness and porosity of the substrate and the required thickness of the coating.

Protection

The coating shall be protected from ongoing site activities and during backfilling from getting damaged by a 150 micron polyethylene sheet.

DRYING TIME:

Touch dry 4 - 6 hours (at 25°C) Drying temperatures Recoating time 14 hours (at 25°C) Min 5°C - (Touch dry = 24 hours) Hard dry 5-7 days Max 40°C (Touch dry = 1-2 hours)

COLOUR RANGE:

Supplied in black only

SPREADING CAPACITY:

4 - 6m² per litre (This will depend on the porosity and nature of the surface)

PACK SIZES:

1 liter, 4 liters and 20 liters

THINNING & MIXING:

Thin with clean tap water

EQUIPMENT CLEANING

Clean equipment with Chromatic White Spirit

DISCLAIMER

The recommendations contained herein are given in good faith and meant to guide the user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable.

No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond the control of Chromatic Paints Uganda.

Technology may change with time, necessitating changes to this Technical Data Sheet (TDS). Chromatic Paints Uganda reserves the right to amend the TDS without any further notice. It is the responsibility of the user to ensure that the latest TDS is being used for reference

For health & safety information, please refer to our Material Safety Data Sheet (MSDS)

