

# NURPRIME WB



**NURPRIME WB** is a pure bitumen emulsion supplied as a viscous liquid for water proofing to substructure and super structure areas in buildings and civil engineering projects. The coating is dark brown in colour and dries to black flexible protective film

## TYPICAL TECHNICAL DATA

Color	: Dark Brown/ Black Coating
Solid content	: 32% ± 2
Specific Gravity @ 25°C	: 1.02 ± 0.02
Service Temperature	: 5°C to 85°C
Application Temperature	: 5°C to 65°C
Drying time @ 25°C	: Touch Dry - 2 to 4 Hours per coat : Hard Dry - 5 to 6 Hours : Firm Dry - 24 Hours
Chemical Resistance	: Water, aqueous groundwater, Salt solutions, mild detergents, Acids and Alkalis
Softening point	: 50°C to 55°C

## TYPICAL APPLICATION

General waterproofing and damp proofing of concrete, brick walls/foundations, asbestos cement sheets, roofing felts, woods etc. Protection of steelwork, pipes and metal.

The product NURPRIME WB complies to ASTM C309-11 and ASTM D1227, Type 2, Class 2.

## ADVANTAGES

- Cold applied, no heating required
- Reduced chloride penetrations due to hard impermeable surface
- Multipurpose, serves both as a protective coating and curing membrane
- Environmentally friendly. Contains no Solvents, no health hazards
- Asbestos free, odorless. Can be applied in closed and confined spaces.
- Easy application due to paintable consistency, suitable for new and old concrete.

## SURFACE PREPARATION

The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil and grease. Light mechanical grinding/grit blasting/high pressure water jet may be used to clean the surface of all the contaminants depending on the degree of contamination on the surface to be coated. All surface imperfections and protrusions shall be removed and repaired. Structurally unsound and friable concrete must be removed and repaired

## PRIMING

It is highly recommended to apply a priming coat prior to the application of the NURPRIME WB on the substrate. The primer can be prepared in the site by diluting NURPRIME WB with 20% water and applying this diluted coat as the primer.

The primer can be applied to damp or freshly cast concrete surfaces. For very dry and porous substrates apply two coats of this primer. However, it should not be applied on waterlogged or flowing water areas. Further coats shall be applied only after the primer coat dries off completely. In case of delay in application of the top coat for more than 24 hours, a fresh coat of primer shall be re-applied.

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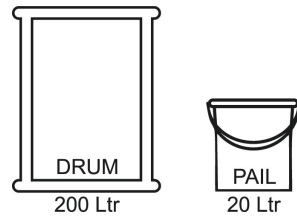
### COVERAGE

Apply the coating at a coverage rate of 0.5-1 Lt/ m<sup>2</sup>, depending on the dry film thickness required. 500 micron dry film thickness (DFT) can be achieved when applied at 0.94 Liter/ m<sup>2</sup>/Coat.

### APPLICATION

- Agitate the drum before use. The drum should be rolled on the ground back and forth before decanting material.
- Apply by brush or roller. Two or more coats must be applied to ensure a durable finish. Second and subsequent coats should be applied at right angles to each other once previous coat have fully cured, allow min 24 hours between first and second coat for better curing.
- NURPRIME WB can be applied to damp but not water clogged surfaces, dampen the brush before and occasionally during use, for smoother application.

**PACKING:** 200 Liter Barrel and 20 Liter Pail



**TOXICITY:** Toxic Material

**TRANSPORTATION:** Non-Hazardous Material

**HEALTH & SAFETY:** It is non-hazardous and non-flammable emulsion. Harmful if taken internally avoids contact skin and eyes. In case of accidental contact with eyes, wash with copious amount of water and seek medical attention. Wear gloves and goggles.

**REMARKS:** Empty cans should be disposed as per the rules and regulations of the country where the material is used. And in NO case should empty cans be used for food stuffing.

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