

CAT. No. WP-11-2009

BITUPAINT 100

Bituminous Protective Paint

BITUPAINT 100 is a blend of bitumen, solvent and adhesion promoter designed for application on concrete or cement-bound structures as a vapor and damp proofing barrier. **BITUPAINT 100** is a low viscosity liquid easily applied by brush, roller or airless spray. It is particularly recommended for very rough uneven surface where the use of troweling grade bitumen mastic (e.g. ISOMASTIC SB) would be difficult. **BITUPAINT 100** can be applied on damp surface and equally effective as a concrete curing compound.

ADVANTAGES

- Economical damp proofing and vapor barrier
- Ready to apply. Does not need thinning or heating.
- Resistant to, alkalis, acids and organic matter in soils.
- Excellent adhesion to dry or damp surface.
- Can be used as a concrete curing compound.

USE

BITUPAINT 100 is used as a vapor barrier and damp proofing protective coat for below grade concrete structures such as retaining walls, foundation walls, ramps, copings, footings, tie-beams, 2-course floor slabs, vaults etc.

BITUPAINT 100 can also be used as a concrete curing compounds and anticorrosion protection for metal surface.

SPECIFICATION

BITUPAINT 100 conforms with the requirements of BS3416:1975 Type IA and ASTM C309 (moisture retention).

TYPICAL PROPERTIES

- Drying Time : 3-4 Hours
- Flexibility : Pass
- Chloride Protection : Pass
- Over coating Time : 4 Hours minimum

SURFACE PREPARATION

Surface must be structurally sound, clean, dry and free from dirt, dust, oil, grease, curing compounds, laitance and loose debris. Steel surface should be free from mill scale and rust and preferably cleaned by grit blasting or rotary wire brush.

APPLICATION

BITUPAINT 100 is ready to use and only requires manual stirring.

- **Damp-proofing / Vapor Barriers-**

Apply **BITUPAINT 100** by brush or roller at the rate of three(3) square meters per liter per coat. After the first coat has dried to touch, apply another coat at right angles to the first coat. If a thicker second coat is required, use BITUPAINT FR or ISOMASTIC SB.

Curing Compound-

- **BITUPAINT 100** can be applied over damp concrete/mineral substrate. First ensure that there is no free-standing water or puddles before application. Apply two coats at the rate of three (3) square meters per liter per coat.

CLEANING

Use **ISOKLEEN No.2** when cleaning tools.

PACKING

BITUPAINT 100 is packed in 20 liter and 210 liter drum.

THEORETICAL COVERAGE

Approximately 2.0 -6.0 square meters per liter per coat depending on substrate profile and porosity.

HEALTH/ SAFETY

BITUPAINT 100 contains flammable solvent. Keep away from open flames or direct heat. Always provide adequate ventilation especially on confined areas. Any skin contamination can be removed with water and soap. Refer to MSDS for more information.

SHELF LIFE

At least 18 months stored in covered environment in original unopened containers.

Revised: 19.10.2023

Technical information, data are to be considered as typical values and not sales specification. Actual measured values may vary due to factors beyond our control. Indications concerning function and application of the products are empirical. Although the information is believed to be accurate, there is no warranty by ISOLA. None of the recommendations becomes part of the warranted quality of the products. Due to the fact that the conditions of individual use are beyond ISOLA's direct and continuous control, ISOLA disclaims all responsibility in connection with the use of its products and does not warrant against any loss direct or consequential

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