

CAT No. WP-06-2305

BITUPAINT – FR

Fiber-Reinforced Bituminous Coating

BITUPAINT-FR is a medium viscosity, high build brushing consistency asphalt designed as a permanent, waterproof barrier to protect concrete against entry of water. It consist of asphalt cement, solvents and non-asbestos fibrous reinforcements. It can also be applied on steel as an anti-corrosion protection.

USES

BITUPAINT-FR is used for waterproofing of below grade concrete structures such as structural foundation walls, floor slabs, blinding, footings and other concrete in contact with the ground. **BITUPAINT-FR** can also be used for repairing worn felt asphalt roofs, parapets, flashings.

ADVANTAGES

- Resistant to water, alkalies, chlorides, sulfates, mild acids and organic matter in soils.
- Non-asbestos fibers provide reinforcement against cracking or blistering.
- Single component, excellent flexibility, cold applied.
- Brushing, high-build consistency for thicker application.
- Excellent adhesion to steel and cement bound substrates.
- Can be applied by brush, roller or trowel.

SPECIFICATION

BITUPAINT-FR conforms with the requirements of BS 3416 Type 2, Class C.

TYPICAL PROPERTIES

- | | |
|---|-------------------|
| • Specific gravity | 1.0 – 1.20 |
| • Solid Content, by volume | 78 +/- 2% |
| • Bend Test (10mm mandrel) | Pass. No cracking |
| • Surface Dry time*
(* BS 3416 Appendix C) | Within 8 hours |
| • Full cure | Within 72 hours |

DIRECTIONS FOR USE

SURFACE PREPARATION

Surface should be clean, dry and free from rust, mill scale, dust, dirt, sealers, curing compounds, grease oil and other foreign matters. For cleaning of oil or grease deposits, use ISOLA CHEMICAL DEGREASER. Substrate should first be treated with BITUPRIMER-S applied at the rate of 5 – 5.5 square meters, per liter, one coat. This should

be allowed to dry for at least 4 hours prior to coating with **BITUPAINT – FR**. (Note: It is always advisable to prime surface to ease brushing and to bind loose dust particles).

APPLICATION

Mix the material manually until homogeneous in appearance. Apply **BITUPAINT – FR** by brush or trowel on the surface to be waterproofed in a continuous unbroken film free from surface breaks and pinholes. Additional coats are highly recommended especially on above ground structures. However, each coat should be allowed to dry until tack free for at least 24 hours. Once dry, **BITUPAINT – FR** should be protected from getting damaged using protection boards.

PACKING / COVERAGE

BITUPAINT-FR is packed in 18 liter metal pail. Theoretical coverages are given below for guidance.

- | | |
|-----------------------------------|--------------------|
| • 250 microns Dry film thickness | 3 sq. mtr/ liter |
| • 500 microns Dry film thickness | 1.5 sq. mtr/ liter |
| • 750 microns Dry film thickness | 1.0 sq. mtr/ liter |
| • 1000 microns Dry film thickness | 0.8 sq. mtr/ liter |

This coverage only applies to a smooth, level surface and will be lesser depending on surface profile and irregularities. It is always advisable to maintain the minimum coating thickness regardless of the nature of the substrate. The use of wet-film thickness gauge to check the coating thickness is highly recommended.

CAUTION

BITUPAINT-FR contains solvent. Keep away from open flames. In case of fire, extinguish with sand or carbon dioxide extinguisher. Always store in full shade. Keep away from direct sunlight.

HEALTH/ SAFETY

Always use protective clothing, hand gloves and eye goggles when using this product. Always ensure adequate ventilation when working on confined spaces. When accidentally spilled on the skin, wash immediately with water and soap. Refer to MSDS for more instructions.

SHELF LIFE

Eighteen (18) months in original unopened container stored in warehouse condition.

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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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