



RTI BITUMEN PAINT

SOLVENT - BASED, FULL BODIED BLACK BITUMEN PAINT FOR METAL PROTECTION

PRODUCT DESCRIPTION:

RTI BITUMEN PAINT is a solvent -based, full bodied black bituminous paint. When dry, the product forms an odorless and taint free black film suitable for metal protection as well as over coating wood and felt.

USES:

RTI Bitumen Paint provides an effective waterproof, weatherproof, corrosion resistant protective coating. It is resistant to low concentrations of alkalis and acids and can withstand prolonged oxidation. It is suitable for application to a wide variety of material including iron, steel, lead, zinc, aluminum, asbestos -cement, concrete, stone, wood, felt and brick and is mainly used for:



- Metal Protection- corrugated iron sheets, fire escapes, stairways, ladders, storage tanks, gutters, downpipes, fences, railings, gates etc.
- As a protective coating for concrete structures, stone brick, concrete screed and sand/cement surfaces.
- Over coating felt/wood.

CHARACTERISTICS /ADVANTAGES:

- Fast drying
- For use on most common building surface
- Type of solvent : white spirit
- Flash point : 40 °C
- Film thickness per coat : 11m² /Lit (Wet - 0.1mm, Dry - 0.05 mm)
- Chemical & water resistance : Resistant to: most salt solution, dilute acids And alkalis, water and alcohol.
Not resistant to: oils, solvents and some detergent solutions.
- Service temperature : -20 °C to +50 °C

PRODUCT INFORMATION:

Chemical Base : Solvent based bitumen
Packing : 20L tin, 200L MS Drum
Colour : Black
Shelf Life : 24 months from date of manufacture in lightly Sealed



RAJESHREE TAR INDUSTRIES

IS 73:2013
APPROVED BY:

CML-7300134199

IS 8887
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CML-7300131030

MANUFACTURER OF BITUMEN EMULSION AND MODIFIED BITUMEN

Storage conditions : RTI Bitumen Paint contains a flammable solvent, and all normal precautions against fire must be taken during both storage and use. Store in original container in cool (5 °C - 25 °C) dry conditions. Keep away from sources of ignition.

Density : 0.9 g/cm³ at 20 °C

Viscosity : 700 - 1200 cP

TECHNICAL INFORMATION:

Service Temperature : -20 °C to +50 °C

APPLICATION INFORMATION

Consumption /Yield / Dosage : Porous surfaces : 4-6 m²
: Non-porous surfaces : 11 m²

Ambient Air Temperature : 5 °C to 40 °C. Surfaces must be free from ice and water.

Drying Time : 4 -6 hours depending on drying conditions.

APPLICATION INSTRUCTIONS:

SUBSTRATE PREPARATION:

As with all surface coatings, preparation of the surface is of great importance and will influence the degree of adhesions obtained and the life of the coating. All surfaces must be sound, stable and thoroughly clean and dry. Metal surface should be wire-brushed to remove rust. Where long term protection is required and initial treatment of a rust-inhibitive product such as red lead or zinc phosphate should be used. Loose or blistered paint should be removed, as should tar-based paint systems. New galvanized surfaces should be roughened with a wire brush or treated with a proprietary etch primer. Porous surfaces should be primed with Black Bitumen Paint/Black Japan & flashing primer.



APPLICATION

RTI BITUMEN PAINT is ready for use and should not be thinned. Stir thoroughly before use. Apply by brush or spray. A minimum of two coats of RTI Bitumen Paint should be applied. The first coat should be allowed to dry (normally 2-4 hrs depending on weather conditions) before the second coat is applied.



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Protective coating on concrete, etc.: since concrete and some stone surfaces may be porous, an initial primer coat of RTI Bitumen primer should be applied.

CLEANING OF TOOLS:

Tools may be cleaned by using white spirit. Any spillage should be wiped off surface before the bitumen paint has set.

LIMITATIONS:

- Do not use in areas where subsequent solvent contact is likely.
- Do not use for potable drinking water tank.
- Avoid inhalation of vapors in confined spaces.
- Allow sufficient drying time between coats.
- RTI Bitumen Paint/Black Japan may bleed through any paints subsequently applied over it. Apply a primer recommended by the paint manufacturer before over painting.

VALUE BASE:

All technical data stated in this data sheet are based on the laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS:

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country. Consult the local product data sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY:

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent safety data sheet containing physical, ecology, toxicological and other safety related data.