

OSREL BITU-COAT

Bitumen Paint for concrete and steel surfaces

Description

Osrel Bitu-Coat is a fast drying solvent based bituminous paint which complies with British Standard 3416 : Type I and Type II. **Osrel Bitu-Coat** is suitable for application onto most substrates especially concrete and steel. It can be used in contact with potable water.

Applications

Osrel Bitu-Coat 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 materials including iron and steel, lead, zinc, aluminium, asbestos-cement, concrete, stone and brick and is mainly used for:

- Protection of concrete structures against ground water and mild sulphate attack.
- Metal production - corrugated iron sheds, fire escapes, stairways, ladders, storage tanks, gutters, down-pipes, fences, railings, gates etc.
- Protecting drinking water tanks.
- A protective coating for concrete structures, stone, brick, concrete screeds and sand.
- Coating of surfaces in contact with potable water.

Properties

Colour:	Black, shiny coating when dry
Coverage:	Onto metal and smooth surfaces 10m ² /litre
Viscosity:	Brookfield Spindle 2, Speed 20, Direct Reading 15-40 at 20°C
Solids Content:	54 +/- 2% by weight
Specific Gravity	0.92 +/- 0.02
Softening Point Of Base Bitumen:	80° - 90°C (176° - 194°F)
Service Temp:	-30° to 70°C (-22° to +158 °F)
Flashpoint:	38°C (100° F)

Addition Rates

1 litre will give a coverage rate of approx
8-10m² on a smooth concrete surface

Osrel Bitu-Coat should be applied by brush. A second coat can be applied by roller once the first coat is dry.

Standards

Osrel Bitu-Coat meets the requirements of BS 3416: Type 1 & Type 2. (Specification for bitumen based coatings for cold application, suitable for use in contact with potable water.



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Storage

Osrel Bitu-Coat should be stored undercover and protected from extreme temperatures, Storage life is indefinite in tightly sealed, undamaged containers.

Handling

Osrel Bitu-Coat is solvent based and can give off an inflammable vapour. The solvent may have a narcotic effect if inhaled or absorbed through the skin. The following precautions are therefore advised when using:

- When working with the product, and until it has dried, ensure that the area is well- ventilated thereby avoiding build-up of solvent vapour
- Wear the correct protective clothing; gloves, goggles, etc.
- Avoid smoking, hot lights, naked flames or creating sparks
- Never take the products internally
- Avoid contact with the skin, eyes and non protective clothing . (Any product which has dried on the skin may be removed with a proprietary hand cleaner)

Packaging

25 litre containers.

Disclaimer

The physical properties quoted are typical, and should not be taken as a specification. The information supplied in our literature is based on data and experience and is given in good faith. Our policy is one of continuous research and development and we reserve the right to update this information at any time; customers should therefore ensure they have the latest issue. Whilst we guarantee the consistent high quality of our products, we have no control over the circumstances in which our materials are used, site conditions or the execution of the work and are therefore unable to accept any liability for any loss or damage which may arise as a result thereof. Materials are supplied in accordance with our standard conditions of sale.

Method of Use.

Preparation: Apply by brush. As with all surface coatings, preparation of the surface is of great importance and will influence the degree of adhesion obtained and the life of the coating. All surfaces must be sound, stable and thoroughly clean.

Osrel Bitu-Coat may be applied to slightly damp but not wet surfaces. Metal surfaces should be wire brushed to remove rust. Where long term protection is required, an initial treatment of a rust inhibitive product such as red lead or zinc phosphate should be used. A minimum of two coats should be applied, the first being allowed to dry before the second is applied.

Osrel Bitu-Coat may bleed through any paints subsequently applied over it. Apply a primer recommended by the paint manufacturer before painting over it. Drinking Water Tanks.

After the final coat has dried, wash out the tank with clean, cold water before using.

Protective Coating on Concrete: Since concrete and some stone surfaces may be porous, an initial primer coat of **Osrel Bitu-Coat** should be applied.

Cleaning of Tools: Tools may be cleaned by using white spirit or paraffin. Spillages should be wiped off surfaces before the bitumen paint has set.

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