

Solseal Roadcoat Barrier

Description:

Solseal Roadcoat Barrier is a quick drying, two coat black bitumen coating which when dry forms an effective waterproof barrier.

Solseal Roadcoat Barrier forms an odourless and taint free bitumen film that once cured is suitable for the protection of concrete structures.

Solseal Roadcoat Barrier is resistant to low concentrations of alkalis and acids and can withstand prolonged oxidation.

Typical Uses

Solseal Roadcoat Barrier is suitable for application to a wide variety of materials including iron and steel, lead, zinc, aluminium, asbestos - cement, concrete, stone, timber and brick and is mainly used :

- As a protective coating for concrete structures, stone, brick, concrete screeds and sand/cement surfaces.
- For metal protection - corrugated iron sheets, fire escapes, stairways, ladders, storage tanks, gutters, down pipes, fences, railings, gates etc.
- For protecting drinking water tanks.
- For overcoating timber

Typical Applications:

- Concrete Bridge structures.
- Subways.
- Culverts.
- Retaining Walls.
- Water Retaining Structures

Compliance:

- Solseal Roadcoat Barrier conforms to BS EN 12591:2009, BS EN 13924:2006 & BS3690: Part 1 of viscosity grade 50 seconds.
- Solseal Roadcoat Barrier conforms to Dtp Specification for Highway Works May 2005 series 2000 clause 2004.4 (Proprietary waterproofing material).

Preparation, Application & Priming:

All surfaces must be thoroughly smooth, clean, dry and free from dust, oil, grease & loose material. Metal surfaces should be wire brushed to remove any rust. Metal & timber surfaces should be dry and primed with one coat of Solseal PU4 Primer (6m²/lt). All other surfaces should be primed with a thin coat of Roadcoat Barrier (11m²/lt) followed by two further full coats (4-6m²/lt)

Do not apply Solseal Roadcoat Barrier below 5°C otherwise Roadcoat is ready for use straight from the tin. If the product has been stored for a while and become thick it may be necessary to thin the product with up to 10% white spirit.

A minimum of two main coats of Solseal Roadcoat Barrier should be applied by brush or roller, the first being allowed to dry (normally 2-4 hours depending on weather conditions) before the second is applied.

Tools may be cleaned by using Solco Solklens Cleaner. Spillages should be wiped off surfaces before the bitumen paint has set.



Advantages :

- Quick drying and resistant to rain once cured.
- Protective coating for concrete structures including green concrete.
- Resistant to sulphates and ground salts.
- Easily applied by brush roller or spray.
- Excellent adhesion to protect Concrete, Masonry & Steel.

Packaging :

25lt & 210lt

Technical Data:

Property	Value
Type of Solvent	White Spirit
Flashpoint	38°C
Specific Gravity (At 20°C)	0.9
Viscosity (At 20°C)	700-1200 cPs
Coverage (Porous Surfaces)	4-6 m ² /litre (Depending on porosity of surface)
Coverage (Non Porous Surfaces)	11 m ² /litre
Drying Time (At 20°C)	2-4 hrs
Service Temperature	-30°C to +70°C
Application Temperature	-5°C to +35°C. Surfaces must be free from any ice and water
Film Thickness (Per coat at 11m ² /l)	Wet - 0.15-0.175 mm Dry - 0.1mm

Storage & Self Life:

- Solseal Roadcoat Barrier contains a flammable solvent, and all normal precautions against fire must be taken during both storage and use.
- Store in original container in cool dry conditions.
- Keep away from sources of ignition.
- Shelf life is 24 months from the date of manufacture in tightly sealed, undamaged containers.

Solseal Roadcoat Barrier System Accessories		
Solcem Solklens	A solvent for cleaning resin products from tools and equipment before the resin has hardened, and for removing any residual release agent from formwork.	Cans
Soldrain Double	Relieves hydrostatic pressure by channeling the ground water away from the structural waterproofing, protecting the structure.	Sheets
Solco HS Protection Board	A tough, reinforced flexible board, used to protect waterproofing membranes against damage by abrasive backfill materials and poured concrete.	Sheets
Solco XL Jointing Tape	A self-adhesive tape used for securing waterproofing membranes at overlaps edge and corner details.	Rolls
Solco Foil Tape	A single-sided tape for securing laps & joints.	Rolls
Solco Double Sided Butyl Tape	A double-sided synthetic butyl mastic tape, used for bonding waterproofing membranes. Also used for bonding SA membranes to DPCs and fixing other accessories.	Rolls
Solseal PU4 Primer	A fast curing, polyurethane based all-purpose primer	Cans

Further Health & Safety information can be obtained from the MSDS, which is available upon request.

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