

Solseal Roadcoat Barrier

Description:

Solseal Roadcoat Barrier provides an effective waterproof, weatherproof, corrosion-resistant protective coating.

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.

Resistant To: Most salt solutions, dilute acids and alkalis, water, and alcohol.

Not Resistant To: oils, solvents, and some detergent solutions.

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, wood, felt 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 felt/wood.

Typical Applications:

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

Specification:

- 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).

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.

Installation:

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 and dry.
- Metal surfaces should be wire brushed to remove rust. Where long term protection is required, 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.



- **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.**

Typical Coverage (Non Porous Surfaces)

11 m²/l

Packaging

25 & 200 Litre Containers

Installation (cont.):

- Newly galvanised surfaces should be roughened with a wire brush or treated with a proprietary etch primer.
- Porous surfaces, such as concrete and some stone surfaces, should be primed with Solseal HP Primer.
- Solseal Roadcoat Barrier is ready for use out of the tin and should not be thinned.
- Apply by brush, roller, or sprayer. A minimum of two coats of Solseal Roadcoat Barrier should be applied, the first been 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.

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

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.	Tubs
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 HP Primer	A solvent-free rubber-modified bituminous emulsion used to prime and seal porous substrates and promotes the adhesion of bituminous waterproofing systems.	Tubs

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

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