

Product reference: 5/11

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Product title: SB1

Valid from: 5th January 1998

Last reviewed: May 2019

Type

A one-pack, solvent based, chlorinated rubber coating containing lamellar flake pigmentation.

Suggested use

Concrete: The coating possesses good water and oil resistance, flexibility and abrasion resistance and is easy to maintain having self-cleaning properties in certain applications. This product is suitable for floor areas subjected to vehicular traffic.

coats at 50 microns dft. The first coat should be diluted with up to 5% of xylene to allow good penetration to the concrete. Additional undiluted coats may then be applied at suitable intervals (see "Overcoating Times" below). A three-coat system minimises the risks of solvent retention within the coating and is advised for ambient temperatures less than 5°C.

Limitations

Not suitable for continuous service above 80°C.

Pot life

Not applicable

Health & safety

This product is safe in general use provided that normal precautions for use of flammable products are observed. Ensure adequate ventilation in use. Operational exposure limit (OEL) is 50ppm based on a 40-hour week. A TLV is not available for this product.

Thinners

Up to 5% xylene addition to the primer coat is preferable. Thinning of subsequent coats is not recommended.

Surface preparation

For best results, surface laitance should be removed by wire brushing, discing or sand blasting. However, good results can be obtained by simply removing patches of oil, grease etc., by steam cleaning or high pressure, fresh water washing. Surface should be vacuum cleaned prior to application to remove dust and surface contamination.

Storage life

Greater than 2 years at 25°C

Application equipment

Brush, longhaired roller, spray.

Colour

Blue (a wide range is possible)

Application

For best results apply two coats at 75 microns dft, or three

Flash point

Greater than 40°C

Recommended DFT

50 to 75 microns per coat

Specific gravity

1.19 g/cm³

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Volume solids

64.5%

Theoretical spreading rate

12.9m²/litre/50 micron dft

8.6m²/litre/75 micron dft

Drying times (well ventilated areas)

Touch dry: 1 hour at 20°C

Dry to overcoat: 7 hours at 20°C (brush)

4 hours at 20°C (airless spray)

Equipment cleaner

White Spirit, Xylene, MIBK

Reviewed 10/2001 (No changes)

Reviewed 02/2014 (No Changes)

Reviewed 10/2017 (No Changes)

Revised 05/2019

All values are approximate. Physical data is based on the product being in good condition before polymerisation, correctly catalysed and full cure being attained. Unless otherwise stated, physical data is based on a test temperature of 20°C, test results may vary with temperature. Information regarding application of the product is available in the Corrocoat manual. Should further information be required, please consult Corrocoat Technical Services.