

RESIBLOCK INDIAN SANDSTONE SEALER COLOUR ENHANCER

PRODUCT DESCRIPTION

RESIBLOCK INDIAN SANDSTONE SEALER COLOUR ENHANCER is a urethane based low viscosity prepolymer jointing sand stabiliser surface sealer/colour enhancer of exceptional effectiveness with a high order of UV resistance. Its penetration comes about by solvent evaporation, polymerisation being effected by atmospheric moisture. It incorporates a completely unique moisture curing system. Its function is to bring about the enhancement of Indian Sandstone or coloured concrete products, similar to that found after rainfall.

FEATURES

- Single component - fast cure, ensures rapid re-use of the facility
- Suitable for use in countries that experience high levels of UV radiation
- Polymerisation effected by atmospheric and residual moisture
- Can be applied all year round (see application information).
- Allows pavement to retain its normal flexural qualities
- Manufactured under ISO 9002
- Greatly exceeds ASTM D 2370 (elongation test) - fully elastomeric
- Easy application by Resiblock application roller.
- Proven to withstand temperature in excess of 200° C
- High degree of resistance to chemicals.
- PROVIDES EXCEPTIONAL COLOUR ENHANCEMENT
- Can be easily removed so as to allow easy access to services below pavement.

STRUCTURAL INTEGRITY ALSO PROVIDED

JOINTING SAND REMAINS IN PLACE UNDER THE MOST ARDUOUS CONDITIONS, INCLUDING HIGH VELOCITY WATER FLOWS, VACUUM SWEEPING AND JET-THRUST. RENDERS THE JOINTS TOTALLY IMPERMEABLE TO WATER AND HYDROCARBONS. PROBLEMS ASSOCIATED WITH PAVER DESTABILISATION AND RUTTING VIRTUALLY ELIMINATED.

THE SYSTEM

Special Properties

Maintains performance life of pavement.
Yields significant whole life cost savings and reduces interim maintenance.
Satisfies architectural requirements
Contributes to 'Best Value'.
Fuses seamlessly to all Interfaces.
Resists weed and Grass growth in the joints.

Ideal for use with:-

Indian Sandstone
Sandstone
Yorkstone
Limestone
And other forms of Natural Stone

Limitations of Use

PIC, Engineering Bricks, Quarry Tiles and Marble. Not recommended for use around Swimming Pools.

GENERAL TECHNICAL DATA

Coverage

4 -6m² per litre

Cleaning of Tools RESICLEAN

Drying Times

2 hrs @ 20° C

Storage

Store under cover and protect from extremes of temperature. Being aliphatic based it is temperature sensitive, if stored at temperatures below 10°C, the polymer may tend to settle out of the solvent, as such ensure contents of container are thoroughly mixed.

Flash Point

45° C

Can Sizes

5 litre

Shelf Life

18 months (unopened containers)

Shipping Specification

Packing Group III
UN No. 1866 – Class 3.3

RESIBLOCK

DATA

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APPLICATION INFORMATION

1 Make sure the surface and **jointing sand** are THOROUGHLY DRY and free from dirt.

2 Ensure that RESIBLOCK INDIAN SANDSTONE SEALER COLOUR ENHANCER is only applied when there is no risk of rain within the next 8 hours.

3 Do not apply in extremes of temperature (below 3° C or above 30° C). For temperatures above this range contact our application dept for special procedures.

4 Ensure paving is thoroughly swept and that where applicable no jointing sand remains in the chamfers of the pavers.

5 Apply to surface using a Resiblock application roller, remove any build up in depressions with a clean roller or builders sponge.

6 Application rates vary depending on porosity but will be in the order of 4-6m² per litre. Where the paving has a sand filled joint (nominal 5mm) material usage should be increased to 2-3m² per litre.

7 Avoid walking on the sealed area for 3 hours after application and do not drive motor vehicles on the surface for 24 hours.

8 ALWAYS WEAR PROTECTIVE GLOVES AND GOGGLES. NO SMOKING. WEAR A MASK WHEN WORKING IN CONFINED AREAS. Please refer to current MSDS.

9 All uncured sealant and tools should be cleaned immediately using RESICLEAN.

Infiltration

TEST DATA (TYPICAL VALUES)

Test liquid	Infiltration rate ml/second	Maximum permitted infiltration rate ml/second*	Remarks
Unleaded petrol	<0.020	0.02	excellent
AVGAS	<0.020	0.02	excellent
Diesel fuel	<0.020	0.02	excellent
Water	0.022	0.05	excellent

**Recommendations by University of Newcastle work for British Aerospace Military Aircraft Ltd.*

Skid Resistance

Surface Tested	Pendulum Test Result
Concrete pavers unsealed	65
Concrete paver sealed	52

Abrasion Resistance

Water/cement ratio of concrete mix	Depth of abrasion (mm) C & CA Abrasion machine (5 minute cycle)		
	Control - No surface treatment*	2 coats 20% Sodium Silicate solution*	2 coats RESIBLOCK
0.65	1.18	0.89	0.14
0.52	0.78	0.51	0.14
0.44	0.54	0.40	0.14

*C & CA Abrasion Machines, ref. R G Chaplin. BCA April 1990 *Test results from Sadegzede and Kettle, Aston University, Concrete, May 1987

	Tensile Strength (mPa)	Elongation (%)
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ASTM	7.1	407
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HEALTH & SAFETY

PVC gloves and protective clothing/face shield must be worn, plus use of a barrier cream on exposed areas of skin, as uncured RESIBLOCK INDIAN SANDSTONE SEALER COLOUR ENHANCER may be considered a hazardous material.

No smoking or naked flames to be allowed, as RESIBLOCK INDIAN SANDSTONE SEALER COLOUR ENHANCER is FLAMMABLE. Ensure area to be treated is well ventilated. If public access is allowed, erect NO SMOKING signs and site fire extinguishers

A mask of the recommended type is **essential** when using a paintbrush, working close to the surface or internally. Sabre or Martindale is recommended.

Do not apply RESIBLOCK INDIAN SANDSTONE SEALER COLOUR ENHANCER in the presence of foodstuffs. Once fully cured RESIBLOCK INDIAN SANDSTONE SEALER COLOUR ENHANCER can be considered innocuous. Do not clean hands with RESICLEAN as solvents may de-fat skin leading to dermatological problems.

Do not return unused material to original containers. DO NOT RESEAL or store partly used kegs. Material so stored may have poor adhesion, Carbon Dioxide may generate and put the drum under pressure, which might rupture the drum. Furthermore partial or total solidification of the sealant may occur.

PLEASE NOTE THIS DATA SHEET REPRESENTS AN ABBREVIATION ONLY OF TECHNICAL INFORMATION, PARTICULARLY AS IT RELATES TO FIELDS OF USE, APPLICATION AND HEALTH AND SAFETY. AS SUCH IT IS ESSENTIAL THAT THE LATEST COPY OF OUR FULL TECHNICAL DATA IS CONSULTED

RESIBLOCK

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