

Dr. Fixit Uniguard 815



ANTI-CARBONATION COATING

Description

Dr. Fixit Uniguard 815 is a decorative anti carbonation coating to protect any concrete structure.

Typical Applications

- New and existing concrete structures.
- Commercial and industrial buildings.
- Bridges & flyovers.
- Marine structures.

Features

- Improves aesthetics.
- Single pack and easy to apply.
- Excellent weather resistance.
- Resistant to carbonation.
- Crack bridging.
- Breathable.
- Non-Toxic.
- Available in a range of standard colour shades.

Packaging

20 Litres

Method of Application

1 SURFACE PREPARATION

- Concrete surfaces should be fully cured and free from laitance, oil, grease, moss, algae, curing compounds, and existing loose or flaking paint.
- The cementitious surface must be strong and sound. Repair any damaged surface using a suitable Dr. Fixit repair mortar.
- High pressure water jet cleaning is recommended for cleaning of heavily contaminated surfaces.

2 PRIMING

- Priming is recommended on porous substrates. Dilute Dr. Fixit UniGuard 815 with 20% clean water by weight, and apply by brush, roller or airless spray at the rate of 6 - 8 m²/litre and allow to dry for approximately 4 hours prior to application of Dr. Fixit UniGuard 815 or use Primeseal AE.

3 APPLICATION

- Thoroughly mix the material in the original container before application.
- Apply Dr. Fixit UniGuard 815 by brush, roller or airless spray @ 4 - 6 m²/litre/coat without diluting. Apply two coats at an interval of approximately 4 hours.

4 CLEANING

- Clean the tools and equipment with water immediately after application.



Note:

- Only to be diluted with water when using as a primer.
- Substrates must be completely dry.
- Do not apply in direct sunlight.
- Protect the coating from immediate rain.

Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Sp. Gravity, g/cc		1.30 +/- 0.05
Solids (%)		49 ± 2
Finish		Semi gloss
Surface Dry Time, Minutes		15 - 20
Over Coating Time, Hours		4 - 6
Service Temperature, °C		-5 to + 80
CO ₂ Diffusion Co-efficient, cm ² /sec	AS/NZS/4548.5-1999 Appendix D	6.5 x 10.08
Water Vapour Transmission Rate Gms/m ² /hrs	ASTM E96-95	0.003
VOC Content	Maximum allowable 140 g/ltr	< 5 g/ltr

Theoretical Coverage

0.15 - 0.25 ltr/sq.mt/per coat (dependent on substrate porosity).

Storage

When stored in dry conditions out of sunlight in original unopened packaging this product has a shelf life of 12 months. Storage above 35°C will reduce shelf life and product performance.

Health and Safety

This product is a water based emulsion of non-hazardous polymer. It is non-flammable and essentially non-toxic. Normal industrial hygiene procedures should be adhered to particularly when spraying and it is recommended that gloves and eye protection be worn. In case of skin or eye contact thoroughly irrigate with water and seek medical advice if any irritation develops or persists. In the case of accidental ingestion, wash mouth out with water and seek medical attention. Spillages should be cleaned up immediately with water as they will leave a film on evaporation. See MSDS for further information.



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