



QUICSEAL 505

Product Name

Rust Protector Pigmented

Description

QUICSEAL 505 Rust Protector is a water-based acrylic zinc-rich pigmented rust protector formulated to provide a chemical bond to steel and protects the steel structure from further corrosion

Such chemical bond provides good protection after initial application without jeopardising the adhesion between the steel and concrete. The product is UV stable, resilient and weather resistant.

Advantages

- Protects exposed steel bars and structures without deterioration.
- Provides excellent adhesion of repair mortar or concrete to rebar.
- Single component - Cost saving due to ease and speed of installation.
- Environmentally friendly
- Weather and UV resistant.

Substrate Preparation

The steel must be clean and sound, free of corrosion deposits and loose particles or any substance that may inhibit adhesion must be removed. All mill-scale, rust scale, paint marks or foreign matter shall be removed by grit-blasting or sand-blasting to meet SA 2½.

Applications

Apply 1 coat of QUICSEAL 505 liberally without “running” over the rebar. Where extremely high performance is required, 2 coats is recommended. When cured in a well-ventilated environment, allow a minimum time interval 2 hours in-between coats.

Technical Data

Supply Form	:	Milky white liquid
Flash point	:	Not flammable, water borne
Flammability	:	Dry film not flammable
Density	:	1.20 ± 0.02g/ml @ 25°C
Application temperature	:	10°C to 60°C
Service Temperature	:	< 120°C
Drying time	:	2 hrs @ 25°C, 56% RH, on steel
Rust Inhibition ASTM C876:1991	:	≥ - 0.20V
Time before concrete repair mortar application	:	2 – 12 hours

Packing & Coverage

Pack Size	:	5 litre & 20 litre pail
Coverage	:	6.8 – 7.5 m ² / litre

Note

Bonding of QUICSEAL 505 to steel substrates can be greatly affected by oil and grease. Avoid contact with alkyd-based paints and prolonged contact with aromatic solvent.

Cleaning

All tools and hands may be cleaned with abundant water

Health & Safety

QUICSEAL 505 is non-toxic and non-flammable. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice. QUICSEAL 505 is slightly alkaline and skin contact should be avoided. Gloves and goggles should be worn. storage

Storage

12 months in a cool and ventilated place in the original packaging

Important Notes

The information set forth herein is furnished free of charge in good faith and is based on technical data that QUICSEAL considers to be reliable. This information is intended for use by persons having technical skill and at their own discretion and risk. Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of QUICSEAL products as of the date of publication of this document. QUICSEAL makes no other warranties and assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, please contact QUICSEAL.

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