QUICSEAL 504

Rust Protector

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.

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QUICSEAL 504

Rust Protector

DESCRIPTION
QUICSEAL 504 Rust Protector is a water-based acrylic and inorganic polymer specially formulated to provide a chemical bond to steel and neutralise the effect of rust-causing acidic deposits.

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.

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 504 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.

Dip coating is highly recommended for complicated reinforcement. Allow 2 hours of drying before handling or re-coating. In cases when casting is carried out after 1 year, reapply QUICSEAL 504.

TECHNICAL DATA

Supply Form	Translucent free flowing liquid
Flash Point	Not flammable, water borne
Flammability	Dry film not flammable
Density	1.03 ± 0.03 @ 25°C
Application Temperature	10°C to 60°C
Service Temperature	< 120°C
Drying Time	2 hrs @ 25°C, 65% RH, on steel
Rust Inhibition (ASTM C876:1991)	≥ - 0.20V
Intercoat interval before concrete repair application	< 12 hours

PACKING & COVERAGE
Pack Size: 5 litre & 20 litre pail
Coverage: 6.5 – 7.0 m^2/litre

NOTE
Bonding of QUICSEAL 504 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 504 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 504 is slightly alkaline and skin contact should be avoided. Gloves and goggles should be worn.torage

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 used 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 ARDEX-QUICSEAL

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Rust Protector

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