

Duratec – QD Anticorrosive

Production Description

Duratec is a single pack, quick drying composition specially formulated for protection to steel surfaces where complete removal of rust is not feasible. The product offers very good adhesion and it is self-priming. The product contains anticorrosive pigments and can be top-coated with QD Industrial Enamel or oil based enamels in various colours as desired.

Areas of Application

The product may be used as a self-priming finish on structural steel where thorough surface preparation is impractical. It can also be used for touch up of weld joints after removing weld flux.
Suitable for interior and exterior use.

Technical Data

Colour	Grey
Solvent Resistance	Fair
Toxicity	Dry film is not toxic
Thinning & Clean Up	Spraying Enamel Thinner. Up to 10% thinner for spraying
Theoretical Coverage*	10 sq.m. / litre at 30 microns DFT, depends on surface profile*
Drying Time (at 25 C & RH 60%)**	Touch dry 15 minutes ** / Recoat: 6 - 8 hours**
Sheen Level	Satin
Packs available	4 litre, 20 litre, (other sizes on request)

*Practical coverage depends on surface profile, method of application and dry film thickness. Higher film thickness leads to lower coverage.

** Cooler temperature, higher film thickness, or higher humidity conditions will lead to longer drying times.

Method of Application

Can be applied by brush, roller or spray. Please use the method best suited to your requirement and skill.

Surface Preparation

Remove all surface rust, loose and flaking / peeling paint and sand back coating edges. Ensure surface is clean, dry and free from dust, grease, oil and all other surface contamination. Apply Omega Rustblock Rust Converter to rusted surfaces. Prepare and coat section by section to achieve best results Surface is to be coated immediately after preparation.

Note: Cooler temperature, higher film thickness, or higher humidity conditions will lead to longer drying times Do not apply when surface temperature is below 10 °C or above 35 °C

Application

Stir contents thoroughly using a flat stirrer before and during use. Apply one coat evenly by brush, roller or spray, after proper surface preparation. Avoid over-brushing and rolling. Do not thin for application by brush or roller. If spraying, thin up to 10% with Spraying Enamel Thinner 600. Allow Duratec to dry for at least 8 hours before application of undercoat and finishing product. Note: For best results, prepare, prime and finish section by section to avoid prolonged exposure to the elements.

Note

Duratec, as with all metal primers and undercoats are designed to be used as part of a coating system. Metal primers provide an anti-corrosive base coat and to add adhesion to the substrate. Metal primers and undercoats are not designed to withstand extended periods exposed to sun light and the external weather elements. It is recommended to prepare, prime, undercoat and finish coat within a short period to obtain the best long term protection of the metal substrate.

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Mix and Colour Check

Mix the paint before application with a wide flat (25mm) paddle or a hand paint mixer with a perforated base, in a circular lifting motion from the bottom of the container for 5 minutes or until the paint and colour are thoroughly mixed. Remix the paint every 2 hours to ensure product consistency. Check colour to the colour chart/standard prior to application. Inner mix multiple containers together to ensure colour consistency. Replace and secure container lid during painting to prevent the paint drying within the container.

Coating Maintenance

Washing the painted surface periodically will maintain the look of a newly painted surface longer. Clean the surface with a diluted sugar soap or a mild detergent and rinse well with clean water. Do not use scouring pads, abrasive brushes, high pressure washing or solvent to clean the painted surface. These will damage the paint film and cause premature failure of the coating.

Flammability & Transport

- Highly flammable, Dangerous Goods Class 3.2, Flash Point 20 °C, UN 1263, PG III
- Keep away from heat and flame, eliminate any source of ignition.
- Soak all used cloths and rags immediately in water to prevent self-ignition.
- Ensure container is upright with lid secure.
- Ensure the container is secured in the vehicle for transport.

Environmental

- Do not wash painting equipment and allow waste to enter drains and water ways.
- Do not dispose of unwanted paint and thinners that will enter drains and water ways.
- Refer to state / local EPA and council web sites for environmental and safe disposal details.

Safety & Precautions

- Do not apply when surface temperature is below 10 °C or over 35 °C
- Do not apply in environments of high humidity/moisture, or if pending rain is a possibility.
- Apply in calm fine weather conditions and only during daylight hours.
- Cease painting 2 hours before sunset or if weather changes are forecast.
- Use only the recommended thinner for dilution and cleaning.
- Check paint colour to the colour chart/standard prior to application
- Provide adequate ventilation during use.
- Keep out of reach of children
- Avoid exposure of the new paint film to steam for 48 hours and to washing or scrubbing for 7 days.
- Check cross cut adhesion test of old coating before repainting.
- Apply a test sample for compatibility of this product over a small test area.

*Cooler temperature, higher film thickness and higher humidity conditions will require longer drying times

**Practical coverage may depend on surface profile, method of application and losses. Higher film thickness will lead to lower coverage.

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