

Rustblock Cold Gal

Production Description

Omega Rustblock Cold Gal is a zinc-rich, cold galvanising primer for long-term, extra heavy duty corrosion protection. Designed to prevent corrosion through galvanic protection by forming a protection barrier, encapsulates the metal in a zinc film. Ideal for use on clean, rust free steel in highly corrosive environments such as coastal regions. For use on all structural steelwork. Self-sacrificing the Omega Rustblock Cold Gal will react on ferrous metals to replace damaged surfaces and provide a protective barrier. Suitable for interior and exterior applications.

Areas of Application

Exterior and Interior applications. Recommended as a primer for structural steel tanks, bridges, cranes, wharfs and shore installations equipment in industrial and marine environments. Ideal for use on clean, rust free steel in highly corrosive environments such as coastal regions. Ideal for use on clean, rust free steel in highly corrosive environments such as coastal regions. For use on all structural steelwork. Dry film heat resistant to 200⁰ Celsius.

Technical Data

Colour	Grey
Solvent Resistance	Very Good, when top coated with finishing product.
Toxicity	Dry film is not toxic
Thinning & Clean Up	Omega Mineral Turp. Do not exceed 10% thinning.
Theoretical Coverage*	9 sq.m. / litre depends on surface profile
Drying Time (at 25 C & RH 60%)**	Touch dry: 30 mins ** / Recoat: 16 hours**
Gloss Level	Matt
Packs available	1 litre, 4 litre, and 300g Spray Pack (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

Brush, Spray or Roller. Please use the method best suited to your requirement and skill. Avoid over-brushing as the Rustblock Cold Gal is quick drying. For spray applications, thin with up to 10% with Omega Mineral Turp.

Surface Preparation

Mild steel, remove all mill scale and rust by shot blast cleaning. Where shot blast cleaning is not possible, use suitable abrasive power tools to clean the surface. Remove all traces of dirt, dust, grease and all contamination from the surface prior to application of Rustblock Cold Gal. 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 10⁰ C or above 35⁰ 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 as the Rustblock Cold Gal is quick drying. Allow Rustblock Cold Gal to dry for at least 16 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.

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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 32⁰ 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 10⁰ C or over 35⁰ 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.

The technical information and suggestions for use and application are given in good faith. Since conditions of use are beyond the manufacturer's control, information contained herein is without warranty, implied or otherwise. The manufacturer does not assume any liability for any loss or injury resulting from the use of the product. Cooler temperature, higher film thickness and higher humidity conditions will require longer drying times

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Reviewed Nov 2018