

SIMPLY® Metal & Rust

EXTERIOR

WATER BASED

1K

Description:

A one component, water based, pure acrylic, flexible anti-corrosive, rust converting, adhesion promoted primer & finish roof paint. Formulated with new generation zinc phosphate and zinc molybdate corrosion inhibitors, rust converting & encapsulating technology.

Intended Uses:

SIMPLY® Metal & Rust is used as a primer & finish applied directly to tightly adherent, well prepared rusty metal roofs, galvanized roofs, previously painted and "Chromadek" roofing. provide a UV resistant, attractive finish for metal roofs & cladding.

This is a liquid tannic acid free rust converting primer / paint which enables direct application to rust or poorly prepared substrates and ensure efficient rust blocking effect as soon as the paint is applied. It forms a passivation layer between the substrate and the coating layer. This product will maintain the coating systems anti-corrosion performances despite adverse substrate conditions.

Features & Benefits:

- Early rain resistance
- Easy application by roller or airless spray.
- Resistant to flash rust.
- Highly adherent.
- Water based.
- Rust encapsulating.

Technical Data:

Composition	Water based pure acrylic
Colour & Appearance	All colours, low sheen finish
Pack Size	5 & 20 Litre
Density (Kg/ Lt)	1.18
Volume Solids	45%
Diluent	Water – up to 5%
Viscosity KU	Approx. 105 KU
Recommended Wet Film Thickness per coat	Min 110µm – Max 168µm
Recommended Dry Film Thickness per coat	Min 50µm – Max 75µm
Total Dry Film Thickness	100 – 150µm
Number of coats	Minimum 2 if using as primer & finish
Spreading Rate	9.0 m²/ Lt @ 50µm DFT
Storage	Store out of direct sunlight in dry conditions between 15°C and 25°C
Shelf Life	12 months when stored as recommended in original un-opened containers
Clean Up	Water
Drying time @ 25°C	30 minutes – Touch Dry 2 hours – Overcoating 12 hours – Through dry
Optimal Application Temperature	Surface - Minimum 15°C – Maximum 35°C Ambient – Minimum 12°C – Maximum 30°C

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Relative Humidity Minimum 10% - Maximum 85%

*On smooth surface. Rough or rusty metal will increase consumption.

Surface Preparation:

In general, the following guidelines for preparation should be adhered to. Always consult for a detailed specification.

- The areas to be coated should be dry, firm, solid and free from dust, oil, fats, and other contaminants.
- Surface must be free of any fungal growth or algae, clean with **Fungicidal Wash**.
- Laitance and loose particles must be removed thoroughly i.e. grinding /high pressure cleaning.

New Galvanized Iron:

Clean with **Galvanized Iron Cleaner** to achieve a water break free surface. Rinse thoroughly with water to remove all traces of cleaner. Prime same day with **SIMPLY® Metal & Rust**.

Un-Painted & Weathered Galvanized Iron, ZincAlume, Aluzinc:

Clean with **Galvanized Iron Cleaner** to achieve a water break free surface. Rinse thoroughly with water to remove all traces of cleaner until a water break free surface is obtained. Areas showing red rust must be patch primed with **SIMPLY® Metal & Rust** and then the whole surface primed with **SIMPLY® Metal & Rust**.

Painted & Weathered Galvanized Iron:

Clean with high pressure water jet to remove all loose paint, chalk, and dirt. Alternatively scrub down with a hard bristle or wire brush and water. Treat any bare areas as per method above.

Mild Steel:

Degrease with **Hydrosolve Degreaser**. Rinse thoroughly with water. Remove any loose rust by coarse sanding, mechanical grinding etc. or **Rust Remover Gel**. Prime general surfaces same day using **SIMPLY® Metal & Rust**.

Fibre Cement Unpainted/Painted & Weathered:

Remove any loose particles and laitance by most suitable means. Apply 1 coat of **SIMPLY® Bonding Liquid SB**.

Cement Tiles:

Remove any loose particles and laitance by most suitable means. Apply 1 coat of **SIMPLY® Bonding Liquid SB** or **Deep Penetrating Primer WB**.

Chromadek:

Remove any loose particles and laitance by most suitable means, high pressure clean. Apply 1 coat of **SIMPLY® Metal & Rust** as a primer and topcoat with same.

Mixing:

Mix well prior to use with a flat-bottomed paddle or electrical mixer.

Application:

- Designed for airless spray application or when not possible brush or roller
- At spray application paint can be thinned up to 5% with drinking water prior to use.
- 17 to 31 thou nozzle size for airless spray is recommended. Keep drum covered during application to avoid skinning.
- Pressure should be adjusted to ensure fine atomization.

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Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product

Caution:

- Always consult with technical department if unsure.
- Refer to product SDS for health & safety prior to using products.
- Always wear safety clothing / protection. Respirators, eye protection and skin protection.

Systems:

Consult with Specialized Coating System for application specific recommendations.