

SIMPLY Metal Primer WB

WATER BASED **1K**

Description:

A one component, water based, modified acrylic anti-corrosive primer for mild steel & galvanized steel.

Intended Uses:

SIMPLY® Metal Primer WB is designed as a high-quality, versatile primer for application to mild steel & galvanized steel surfaces in mild industrial, residential & commercial environments exposed to inland conditions where substrates are prone to rust.

Features & Benefits:

- Protects against corrosion/rust.
- Excellent adhesion.
- Overcoatable with a wide range of water based & solvent based topcoats.
- Easy to use & apply.
- Lead less than 90 ppm

Certifications:

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Technical Data:

Product Physical Form	Liquid
Binder Type	Modified acrylic
Pigment / Filler Type	Weather resistant
Colour	Grey & red oxide
Appearance	Smooth
Volume Solids	45 ± 2%
Density (Kg/ Lt @ 23°C)	1.25 ± 0.05
Diluent	Supplied ready for use (If necessary, add water up to 10%)
PH	9 ± 0.5
Recommended WFT	125 – 150µm per coat
Recommended DFT	55 – 65µm per coat
Spreading Rate	7 – 8 m ² / Litre per coat
Number of Coats	Minimum 1
Viscosity KU	Approx. 100 ± 10 KU
Method of Application	Brush, roller or spray
Pack Size	5 & 20 Litre
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

Important Information:

- Always consider a test patch to check suitability & adhesion.
- Always consult with technical department if unsure.
- Technical & application data herein is for the purpose of establishing a general guideline of the coating application procedure.

ARCHITECTURAL & DECORATIVE: PRIMERS

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

- Test performance results were obtained in a controlled laboratory environment and Specialized Coating Systems makes no claim that the exhibited published test results, or any other tests, accurately represent results found in all field environments. As application, environmental and design factors can vary, due care should be exercised in the selection & verification of the performance and use of the coating.
- Always check weather forecast before painting. Do not paint if rain fall is imminent as it will negatively affect the ability of the product to cure and bond to the surface.
- During the winter months, do not paint in the early hours of the morning when it's cold & frost or dew may be present. This will negatively affect the products ability to cure & bond to the surface.
- During the summer months, do not paint in the middle of the afternoon when surface temperatures are above 45°C. This will negatively affect the products ability to cure & bond to the surface.

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.
- Oil can be removed using Hydrosolve Degreaser.
- Fungal growth or algae can be removed using Fungicidal Wash.
- Laitance and loose particles must be removed thoroughly i.e., grinding /high pressure cleaning.

Substrate	Cleaner
Mild Steel	Clean with Hydrosolve Degreaser and rinse thoroughly with water. Remove any rust by coarse sanding or with bristle brushes.
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.
Painted & Weathered Galvanized Iron or Mild Steel	Mechanically clean using a high-pressure water cleaner to remove all loose paint, chalk & dirt or scrub down with bristle brushes and water. Areas showing rust must be patch primed with SIMPLY® Rust Primer or SpecNox Anti-Corrosive WB . The whole area can then be primed with SIMPLY® Metal Primer WB .

Application:

Mixing	Stir well with a flat-bottomed paddle or mechanical mixer for a few minutes		
Application Tools	Brush, roller, or spray		
Horizontal & Vertical Application	Horizontal & Vertical Application:		
	Spreading Rate	7 – 8 m²/ Litre per coat	
	Recommended WFT (per coat)	Min 125µm	Max 150µm
	Recommended DFT (per coat)	Min 55µm	Max 65µm
	Number of Coats	Minimum 1	
	Extra Information: • -		
Thinner	Supplied ready for use (If necessary, add water up to 10%)		
Work Stoppage	Do not allow material to remain in spray equipment after use, thoroughly flush and clean all equipment with Water .		
Clean Up	Clean all equipment immediately after use with Water . It is advisable to periodically flush out spraying equipment during the course of the working day. Frequency of cleaning is dependant of upon the amount sprayed, temperature and elapsed time.		

Application Environment:			
	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	10°C	10°C	10%
Maximum	45°C	35°C	85%

Drying & Overcoating Information:	
Touch Dry	1 hour @ 23°C
Overcoating Time	2 – 4 hours @ 23°C
Hard Dry	6 hours @ 23°C
Full Cure	24 hours @ 23°C
Extra Information	Drying times extended in cold, wet, or humid conditions

Systems:

Consult with Specialized Coating System for application specific recommendations.

Safety Information:

- Refer to product SDS for health & safety prior to using products.
- Always wear safety clothing / protection. Respirators, eye protection and skin protection.
- Apply in well-ventilated areas.