

# Rust Protection 2000 PLUS



special corrosion and weathering resistant surface coating

Rust Protection 2000 PLUS is a particularly corrosion and weather resistant surface coating on the basis of ferric oxide (hematite). The usage of highly-pure ferric oxide pigments in a flaky arrangement achieves permanent, weather-resistant and water-repellent surface protection.

Metal parts coated with Rust Protection 2000 PLUS did not show any corrosion after more than 2000\* hours in a salt spray test.

WEICON Rust Protection 2000 PLUS can be used on halls and steel structures, iron railing, lattice towers, fences, handrails, balcony grates, rolling gates, outdoor lights, and on points particularly susceptible to corrosion.

ISSA: 53.402.40/41

## Technical data

Colour	charcoal-grey (DB 703) / silver-grey (DB 701)	
Application	Indoors and outdoors	
Binding agent	Acrylic resin	
Pigment	Lamellar hematite	
Pigment purity	> 90% ferric oxide	
Percentage of metal in dry film	ca. 58 %	
Content	400 ml	
Specific weight	1,3 - 1,4 g/cm <sup>3</sup>	
Processing temperature	+5 to +35, optimum temperature from +18 to +25 °C	
Consumption at 1.5 cross coats	ca. 160 ml/m <sup>2</sup>	
Layer thickness at 1.5 cross coats	ca. 60-80 µm	
dust dry after	ca. 30 Min.	
Hardened after	ca. 24 h	
paintable	ca. 24 h	
Abrasion-resistant	abrasion-resistant	
Cross cutting DIN 53151 / ISO 2409	Cross cut characteristic value GT 0 to GT 1	
Salt spraying test ISO 9227	>2.000* h	
Mandrel bend test DIN EN ISO 1519	no hair cracking	
Top coating	not required	
Temperature resistance after complete hardening	about -50 to +300 °C	
Storage stability	24 months	

\* applied in two cross-coated layers onto an undamaged zinc undercoat

## Pretreatment of the surface

Clean and degrease surfaces with WEICON Cleaner S.

## Processing

Clean and degrease surfaces, for example with Cleaner Spray S. Shake can before use. At room temperature (approx. +20 °C), spray on two cross-coated layers of Rust Protection 2000 PLUS keeping a distance of 25 cm.

Consumption at 1 ½ cross – coated layers: 160 ml/m<sup>2</sup>.

## Storage

Pressurized container: protect from sunlight and do not expose to temperatures exceeding +50 °C.

## Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation.

We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

## Health and Safety

When using WEICON products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets ([www.weicon.com](http://www.weicon.com)) must be observed.

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