

# Rust Protection



## 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.

## Technical Data

Colour	Anthrazit / DB 703, Silbergrau / DB 701
Application	Innen und Außen
Binding agent	Alkydharz
Pigment	Lamellarer Hämatit
Pigment purity	> 90% Eisenoxid
Percentage of metal in dry film	58 %
Specific weight	1,3 - 1,4 g/cm <sup>3</sup>
Recommended primer	nicht erforderlich
Processing temperature	+5 bis +35, optimal +18 bis +35 °C
Consumption at 1.5 cross coats	160 ml/m <sup>2</sup>
Layer thickness at 1.5 cross coats	60 -80 µm
Dust dry after	30 min.
Hardened after	24 h
Overpaintable after	24 h
Abrasion-resistant yes/no	abriebfest
Cross cutting DIN 53151/ ISO 2409	Gitterschnittkennwert GT 0 bis GT 1
Salt spraying test DIN 50021/ DIN 53167	>2.000* h
Mandrel bend test DIN EN ISO 1519	keine Haarrissbildung
Top coating	nicht erforderlich
Storage stability	24 months

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 Temperature resistance -50 to +300 °C


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

### Surface pre-treatment

Clean and degrease surfaces.

### Processing

Shake can before use. At room temperature (approx. +20°C), spray on two crosscoated layers of Rust Protection 2000 PLUS keeping a distance of 25 cm. > 2000 hours at Salt Spray Test = > 20 years natural weathering (C5-I corrodibility class ISO 12 944, part 2). 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.

### Safety and health

When using products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets must be observed.

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