

# Wild Rust Protettivo

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Technical Data Sheet — Revision: 08/05/2025

Transparent water-based polyurethane protector, ideal for internal and external surfaces.

## Product Description

Wild Rust Protector it's a high-performance, one-component clear coating, formulated with resins polyurethane in water dispersion, developed for protect and preserve surfaces treated with Corten effect (rust), both indoors and outdoors. Its advanced technical formulation create a uniform protective barrier, able to block and limit the natural process of corrosion and oxidation, ensuring greater aesthetic stability over time.

The hardened coating forms a surface waterproof and resistant, reducing water absorption and exposure to humidity, thus protecting surfaces from atmospheric agents and environmental wear. Thanks to his high adhesion, Wild Rust Protector It is particularly suitable for the protection of walls, elements architectural and decorative furnishing accessories with oxidized finishes, preserving their original appearance and prolonging their life.

The product offers a transparent finish that does not alter the aesthetic character of the surfaces treated , enhancing its chromatic depth and natural materiality. aqueous emulsion formulation guarantees a low environmental impact, making Wild Rust Protector an ideal choice for eco-sustainable decorative projects and for applications in environments sensitive to ecological criteria.

## Features and Performance

Single-component transparent polyurethane protector, ideal for the protection of oxidized Corten-effect surfaces. Blocks and limits oxidation, ensuring aesthetic stability over time. Waterproofing effect, reduces water absorption and protects against humidity and atmospheric agents. Non-invasive transparent finish, maintains the materiality and chromatic depth of the treated surfaces unchanged.

Excellent adhesion on surfaces treated with Wild Rust, ensuring long-lasting and uniform protection. Elastic and resistant formulation, ideal for applications on internal and external surfaces. Easy to apply, with optimised drying times for efficient and safe application. Formulated in aqueous emulsion, eco-friendly and suitable for low environmental impact projects.

Thanks to its innovative technology and its advanced performance, Wild Rust Protector represents the ideal solution for the protection of oxidized surfaces, guaranteeing high aesthetic quality, resistance to external agents and durability over time.

## Fields of Application

Wild Rust Protector is specifically formulated for the protection and enhancement of oxidized surfaces with effect Corten (rust), ensuring a finish transparent, resistant and long-lasting. It is ideal for applications on walls and internal and external surfaces treated with Wild Rust or other decorative products based on controlled oxidation.

Decorative walls and coverings with Corten effect finish, in residential and commercial environments. Architectural elements and design details, such as columns, paneling, and decorative facades. Furnishing accessories and oxidized metal surfaces, to maintain the original aesthetics and prevent further corrosion.

Industrial environments and commercial spaces subject to humidity and atmospheric agents, where advanced protection is required. Surfaces exposed to environmental stresses, ensuring greater resistance to water, humidity and atmospheric pollution. Thanks to its eco-friendly formulation and ease of application, Wild Rust Protector represents the ideal solution for preserve the oxidized effect, improve the resistance of surfaces and ensure a stable aesthetic appearance in the time.

## Technical Features

Appearance Opaque Colour in can Milky Density Kg/Lt 1,010 +/- 0,05 Supply viscosity 25 degrees c 40 - 68 seconds Ford 4 Volumetric dry residue 32 +/- 2% Theoretical coverage 8 - 10 m<sup>2</sup>/lt per coat depending on absorption Dilution Water from 40 to 50 % Application method Brush, Short-haired roller Drying 25 degrees C Touch-free 1 - 2 hours Touch-dry 3 - 5 hours Deep-dry 18 - 24 hours Overcoating Minimum / Maximum 4 - 6 hours / no limitations

## Storage

stability 12 months Standard packaging Lt 0,750

## Application Method

Correct preparation of the substrate is essential to ensure optimal adhesion, transparency of the finish and long-lasting protection. Wild Rust Protector must be applied exclusively on surfaces previously treated with Wild Rust and perfectly dry.

## Preparation of the substrate

Check that the surface is stable, dry, free from dust, oils, greases, salts or processing residues. Apply only on surfaces already decorated with Wild Rust (Iron or Copper), after a minimum of 24 hours from the last oxidation. For best results, wait 48 hours to ensure the oxidized effect has fully matured.

Do not apply to damp surfaces or those subject to rising damp: the presence of water compromises the adhesion and transparency of the protective film. Product Application 1. First coat - initial protection Mix the product thoroughly with a manual or mechanical stirrer at low speed, avoiding the inclusion of air.

Apply a thin, uniform layer with: Soft bristle brush, Short-haired roller, Low pressure spray (fine nozzle). Distribute the product evenly, avoiding dripping, obvious overlaps or accumulations in sensitive areas. Leave to dry for 4-6 hours under standard ambient conditions (20-25 degrees C, humidity 75% or less). 2.

Second coat - final protection Proceed with a second hand thin, after the first one has completely dried, to ensure: a uniform coverage, one effective sealing, one superior resistance to atmospheric agents and humidity. In case of cold or humid environments, extend the drying times between coats. The product reaches the maximum protective efficacy after 24-48 hours since the last application.

Maintenance and conservation For cleaning, use a soft cloth and neutral detergents. Avoid abrasive sponges or aggressive chemical agents. Store the product in dry environment, at a temperature between +5 degrees C and +35 degrees C, away from direct sunlight or frost. Close the container tightly after use to prevent alteration.

## Tips and Notes

To ensure a uniform aesthetic result and effective and long-lasting protection of the oxidised effect, it is essential to respect some technical and environmental conditions during the application of Wild Rust Protector. Terms of application Apply the product exclusively on surfaces treated with Wild Rust, completely dry and stabilized for at least 24 hours.

For optimal and long-lasting protection, it is advisable to wait 48 hours before protection. The ambient and substrate temperature must be between +5 degrees C and +40 degrees C. The relative humidity of the air must not exceed 85%, to avoid polymerization problems or surface haze. Avoid outdoor application in strong winds, direct sunlight or risk of imminent rain, so as not to compromise the uniformity of the protective film.

## Preparation of the substrate

Surfaces must be perfectly dry, clean, cohesive and free from contaminants (oils, greases, dust or unfixed oxidative residues). Do not apply on damp surfaces, subject to rising damp or salt efflorescence, as these conditions compromise adhesion and can cause stains, swelling or detachments. Technical times and performance Wait 4-6 hours between the first and second coat to promote proper drying.

The protective film reaches its peak performance after 24-48 hours from the final application, ensuring protection from humidity, oxygen and atmospheric agents. Cleaning and maintenance To clean the treated surfaces, use a soft cloth and water, with the possible addition of detergents neutral. Avoid aggressive, abrasive detergents or solvents, which can alter the decorative effect and reduce the protective efficacy.

## Product storage

Keep Wild Rust Protector in a cool, dry, well-ventilated place, away from heat sources, direct sunlight and frost. Reseal the container tightly after use, to preserve the chemical-physical characteristics of the product and guarantee its stability.

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(\*) This information is considered indicative only. The company reserves the right to change it without notice. It is the users' responsibility to verify suitability for their specific use.