

CP900 Metal protection lacquer

Air-drying, solvent-based metal topcoat · satin · for iron, steel, aluminium & zinc (interior & exterior)

 Brush · roller · airless sprayer Application	 5–8 m²/l Coverage per coat	 4 h dust-dry*	 from +5 °C, ideal 15–23 °C Application	 Solvent-based Clean with thinner
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*Guide value at 20–25 °C / 40–60 % relative humidity — all drying times on page 2.

CAIRCON Metal protection lacquer is an air-drying, highly resilient solvent-based coating with a satin, easy-to-clean and abrasion-resistant surface — resistant to most oils. Universally usable as a topcoat on iron, steel, aluminium, zinc and other metallic substrates indoors and outdoors (e.g. hall constructions, pipework, bridges, roofs, lattice masts, tanks, wall and ceiling claddings). Do not use on synthetic-resin-lacquered surfaces.

IMPORTANT — CHECK THE COLOUR: Check the colour **BEFORE** application with a test coat — after application, complaints and exchange are excluded. Only coat contiguous areas with material from the same delivery or batch number; this also applies to touch-ups.

1 · PREPARE THE SUBSTRATE

1	General cleaning & degreasing Remove loose old coatings and rust, sand down and prime if necessary; mask off areas that are not to be coated. The substrate must be dry, clean, load-bearing, free of grease and free of separating substances (algae, moss, resins, waxes, oils). For pre-cleaning we recommend the Special degreaser ; remove resinous spots and stubborn soiling beforehand with Universal thinner .
2	Iron & steel Mechanically remove rust, mill scale, scale and welding residues until a bright metallic surface is visible; round off sharp edges and burrs.
3	Zinc Carefully pre-treat zinc surfaces with a special zinc cleaner; round off sharp edges and burrs.
4	Aluminium Clean the surface with nitro universal thinner, abrade with a nylon fleece and clean again with nitro universal thinner until no grey residues remain on the cloth.

For third-party products used in substrate preparation: check compatibility and the final result beforehand on a test area — we accept no liability for the result obtained with third-party products.

2 · APPLY THE METAL PROTECTION LACQUER

5	Application Stir well before use. Brush or roll (e.g. Floor roller), always wet-in-wet and back-roll crosswise; keep to the specified material consumption. When spraying: do not breathe the spray mist — work only outdoors or in a well-ventilated area.
6	Multi-coat application Do not rework the topcoat after application (structural defects). The coat must form a closed, homogeneous layer without voids or defects — only then is reliable, long-lasting rust protection ensured. Always work wet-in-wet. Do not use on synthetic-resin-lacquered surfaces.
7	Thinning & cleaning tools If necessary, adjust with Universal thinner by 5–10 % (especially when spraying and for the first coat). Clean tools immediately after use with Universal thinner ; soak dried-on residues.

MAKE A TEST AREA: Before coating larger areas, first make a test area and check adhesion and colour when dry.

TROCKENZEITEN

4 h TOUCH-DRY	12 h RECOATABLE	14 days FULLY CURED
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During full curing (14 days), do not rework the surface owing to wrinkle formation.

Times apply at 20–25 °C and 40–60 % relative humidity; lower temperatures or higher humidity extend them significantly.

PRODUCT DATA (GUIDE VALUES)

Gloss level	satin
Composition	alkyd resin, solvents, fillers, pigments, additives
Coverage	approx. 5–8 m²/l per coat · two coats recommended

Application area	metal (iron, steel, aluminium, zinc) — exterior and interior · not on synthetic-resin lacquer
Application	with roller, brush or airless sprayer · from +5 °C, ideal 15–23 °C
Thinning	Universal thinner 5–10 % depending on consistency
Storage	approx. 24 months unopened at +5 to +25 °C, protect from frost and moisture

All data are non-binding guide values and depend on substrate, tool and ambient conditions — no assured properties.

RECOMMENDED COMPLEMENTARY PRODUCTS

Cleaning & thinning	Special degreaser · Universal thinner
Tools	Floor roller · Paintbrush set
Similar products	Metal protection lacquer 4in1 matt · Metal paint 4in1 satin

SAFETY & DISPOSAL

Labelling	GHS02 (flame) · GHS07 (exclamation mark) · signal word: Danger — subject to labelling
H225	Highly flammable liquid and vapour.
H319 / H336	Causes serious eye irritation. May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
P210 / P271	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Environment & disposal	Water-polluting in the liquid state — do not allow to enter water bodies or drains. Only give completely emptied containers for recycling. Hand in liquid residues at the collection point for waste paints/lacquers. P501: Dispose of contents/container to appropriate disposal. Waste code EWC 08 01 11* (hazardous waste).
Binding source	Label and safety data sheet CAIRCON Metal protection lacquer. Emergency: Poison Information Centre Erfurt, 24 h: +49 361 730730.