

RUST-OLEUM®
INDUSTRIAL

COMBICOLOR® ORIGINAL WROUGHT IRON

One coat system for metal protection, direct to rust

- Primer and topcoat in one
- For application onto rust, bare metal
- High coverage: 10.5 m² per litre
- Sag resistant, no brush strokes
- White spirit dilutable

KNOW-HOW TO PROTECT™

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COMBICOLOR® ORIGINAL WROUGHT IRON

DESCRIPTION

RUST-OLEUM® CombiColor Metal 7300/7400 coating is primer and topcoat in one, based on a urethane modified alkyd, providing good drying properties at low temperatures. The product contains rust-inhibitive pigments and is lead- and chromate free.

RECOMMENDED USE

RUST-OLEUM CombiColor Wrought Iron 7300 should be applied on bare, manually derusted or with CombiPrimer Anti-Corrosion 3369/3380 primed steel. CombiColor Wrought Iron is intended for brush and roller application and can also be applied by air spray. RUST-OLEUM CombiColor Wrought Iron 7300 offers corrosion protection in a light industrial environment. For metal structures in a more aggressive industrial environment, prior application of a RUSTOLEUM CombiPrimer Anti-Corrosion 3369/3380 is recommended.

TECHNICAL DATA

Gloss Level:	Gloss
Solids content in volume:	48.0%
Heat Resistance:	90°C (dry heat), at elevated temperatures discoloration may occur.

DRY TIMES BY 20° C/RH 50%

Touch dry:	2 hours (20°C), 3 hours (10°C), 1½ hours (30°C)
Dry to handle:	8 hours (20°C), 16 hours (10°C), 6 hours (30°C)
Dry to recoat:	16 hours (20°C), 24 hours (10°C), 8 hours (30°C)
Fully cured:	7 days (20°C), 14 days (10°C), 5 days (30°C)

RECOMMENDED WET FILM THICKNESS

104 µm

RECOMMENDED DRY FILM THICKNESS

50 µm

THEORETICAL CONSUMPTION

8.7 m²/l at 55 µm dry, depending on colour.

PRACTICAL CONSUMPTION

Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION

Remove oil, grease and all other surface contaminations by alkaline or high pressure (steam) cleaning in combination with appropriate detergents. Remove rust scale, loose mill scale, loose rust and loose coatings by scraping and wire brushing to St 3 (ISO 8501-1 : 1988), light blast cleaning or sanding. Sand intact coatings to roughen the surface slightly. The surface must be clean and dry during application. Galvanised, Zinc and Aluminium surfaces have to be primed first with CombiPrimer Tack Coat 3302.

DIRECTIONS FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

APPLICATION CONDITIONS

Temperature of air, substrate and coating material between 5° and 35°C and relative humidity below 85%. The substrate temperature must be at least 3°C above dew point.

APPLICATION & THINNING: BRUSH

Up to 10 vol. %; RUST-OLEUM Thinner 7301. Use natural bristles, longhair brushes.

APPLICATION & THINNING: ROLLER

Up to 10 vol. %; RUST-OLEUM Thinner 7301. Use short nap, poly-amid (Perlon) 6-12 mm rollers. Roller application may require 2 coats to achieve recommended dry film thickness

APPLICATION & THINNING: AIR-ATOMISED SPRAY

10-25 vol.%; RUST-OLEUM Thinner 7301. Gravity cup and pressure cup. Tip size: 1.0 -1.5 mm. Atomising pressure: 2 - 4 bar.

CLEANING OF EQUIPMENT / SPILLS

Use RUST-OLEUM Thinner 7301 or RUST-OLEUM Thinner 160.

REMARKS

Maximum dry film thickness per coat: 75 µm dry, equals 155 µm wet.

SAFETY DATA

VOC level:	411 g/l
VOC ready mix:	493 g/l
VOC category:	A/i
VOC limit:	500 g/l
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

SHELF LIFE

Minimum of 5 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.

Date issued: 22/11/2023

Available colours & pack sizes: Please refer to the respective product page on www.rust-oleum.eu for an overview of actual available colours and pack sizes.

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