

The ultimate protective coating system
for atmospheric corrosion protection

COROPUR Ferro (LS)

COROPUR Ferro is a single-component, moisture-hardening coating system that can be applied by rolling, brushing or spraying. The moisture insensitivity of **COROPUR Ferro** enables it to be processed under extreme weather conditions.

Application areas

COROPUR Ferro is primarily applied for the long-term corrosion protection of steel components, relative to DIN EN ISO 12944-5, exposed to aggressive atmospheres. These are typically classified in the corrosivity category C5-I (very highly polluted industrial atmospheres) and C5-M (aggressive marine atmospheres). We recommend the light-stable version **COROPUR Ferro LS** for outdoor applications.



Bridge coating



Railway bridge

Typical fields of use

- Steel bridges
- Steel constructions in industrial plants
- Outer coatings of tanks
- Steel constructions in railway stations

Advantages

- Quick, simple processing
- High diffusion resistance due to special lamellar pigments
- Long-term corrosion protection
- Excellent elasticity and high surface hardness
- Repair-friendly

The ultimate protective coating system
for atmospheric corrosion protection



COROPUR Ferro (LS)

Product properties

Product characteristics	<ul style="list-style-type: none"> • Single-component, moisture hardening polyurethane coating system
Processing	<ul style="list-style-type: none"> • Air and airless spraying, brushing or rolling
Processing conditions	<ul style="list-style-type: none"> • Relative humidity 30 - 98 % • Temperature from -5° C (ice free) to +50° C
Storage stability	<ul style="list-style-type: none"> • 12 months in unopened containers
Temperature resistance	<ul style="list-style-type: none"> • +120° C (dry)

System build-up

Layer thickness	60 - 150 µm possible in a single working step	
Primer coat	Metallic surfaces	COROPUR Zinc M COROPUR PI COROPUR Insulating Primer
	Mineral substrates	COROPUR Fix
Typical layer structure (DIN EN ISO 12 944-5, C5-I, C5-M)	COROPUR Ferro	1 x 80 µm COROPUR Zinc M 2 x 80 µm COROPUR Ferro
	COROPUR Ferro LS	1 x 80 µm COROPUR Zinc M 1 x 80 µm COROPUR Ferro 1 x 80 µm COROPUR Ferro LS
Available container sizes	COROPUR Ferro	1.2 kg / 6 kg / 12 kg containers
	COROPUR Ferro LS	1.2 kg / 6 kg / 12 kg containers

Available in diverse iron-mica shades (on request).

REMA TIP TOP GmbH
Business Unit Industrie

Gruber Strasse 63
Phone:
Fax:
www.rema-tiptop.com

85586 Poing/Germany
+49 81 21 707 -245
+49 81 21 707 -222
info@tiptop.de

Your local contact:

582 1341 - IV.08 Printed in Germany

