

The versatile coating system for atmospheric corrosion protection

COROPUR Cover RAL



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

Application areas

COROPUR Cover RAL is engineered for long-term corrosion protection of steel components exposed to attack from extreme atmospheric conditions. Modelled on the DIN EN ISO 12944-5 corrosivity categories C5-I (very highly polluted industrial atmospheres) and C5-M (aggressive marine atmospheres) **COROPUR Cover RAL** offers outstanding surface protection (also in different colours).

The excellent UV-resistance of **COROPUR Cover RAL** makes it applicable as top coat to conventional epoxide systems.



Outer coating of a FGD absorber



Mobile crusher

Typical fields of use

- Ship coatings
- Harbour and crane facilities
- Off-shore installations
- Steel constructions in industrial plants
- Outer coatings of silos and storage tanks

Advantages

- Quick, simple processing
- Standard colour options available according to RAL standard
- Very good resistance to light and weather
- Excellent elasticity and high surface hardness
- Repair-friendly
- **COROPUR Cover RAL 9010** is German KTW approved



ONE BRAND – ONE SOURCE – ONE SYSTEM

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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"> • + 150° C (dry)

System build-up

Layer thickness	40 - 80 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)	1 x 80 µm COROPUR Zinc M 1 x 80 µm COROPUR Ferro 1 x 80 µm COROPUR Cover RAL	
Available container sizes	COROPUR Cover RAL	1.2 kg / 6 kg / 12 kg containers

Standard colour options available according to RAL standard; Finish grades from matt to high-gloss.

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