

PRODUCT INFORMATION

COROPUR COVER RAL 9010

moisture curing polyurethane cover coating for high UV protection

- Approved for potable water tanks & pipelines according KTW -

- Product Description:** Coropur Cover RAL cover is a one-component, moisture hardening polyurethane-cover coating with an excellent resistance to UV rays and weather as well as to numerous chemicals.
- Binding Agent:** Aliphatic, moisture hardening polyisocyanate
- Pigments:** Organic- and anorganic pigments
- Solvents:** Ester and aromatic hydrocarbons
- Fields of Application:** Bridges, masts, cranes, steel constructions, pipes, Off-Shore-plant engineering
- Surface pre-treatment**
1. Removal of contaminations:
 - Remove oil and grease residues with solvent or emulsifying agent solutions.
 - Remove salt residues with a brush or by steam vapor
 2. Mechanical roughening, preparation by sand blasting is desirable up to degree Sa 2 ½
 3. Primer:
 - Coropur Zink M
 - Coropur PI
 4. Intermediate coating with - Coropur Ferro
- Coating Recommendations:**
- 1 x 60 µm Coropur Zink M
 - 1 x 60 µm Coropur Ferro
 - 1 x 60 µm Coropur Cover RAL...

Application Methods: Brush-, roller-, air- and airless-spray application

NOTE ! **In case of application in the field of potable water or food the pre-treatment recommendations in the testing certificate acc. to KTW of 16.08.1991 have to be observed.**

Fill container with water and heat 3 x ½ hours at 80°C*.
 Refill container with water after every process.
 Then take tastings. If the tastings are positive the other containers can be prepared accordingly.

Application Conditions: Relative air humidity: 30 - 98 %
 Object temperature: - 5°C (ice-free) up to + 50°C.

NOTE ! Stir material before processing and deaerate (no visible air bubbles)

Layer Thicknesses: 40 µm - 60 µm TSD

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Viscosity:	120 DIN 4 600 – 900 mPas (Brushing Viscosity)
Thinner:	Thinner A-851 Rolling Thinner T 1900 Spraying Quantity of admixture of thinners depends on ambient temperature and type of processing.
Air Spraying:	Nozzle: 0,8 - 1,2 mm Pressure: 3 - 4 bar Thinner: 3 - 5 %
Airless Spraying:	Nozzle: 0,16 - 0,22 mm Pressure: 180 bar Thinner: 0 - 3 %
Cleaning of equipment:	Thinner A-851 or Thinner T 1900
Drying:	at 20°C, 50 µm TSD dust dry after: 1 hour stick free after: 3 hours dry to touch after: 5 hours stressable after: 24 - 30 hours
Temperature Resistance:	+ 140°C (dry), 90°C (wet)
Shelf Life:	12 months in unopened original can under cool and dry storing conditions. Cover opened cans with thinner A-851 or T 1900 and close tightly.
Specific weight:	1,30 g/cm ³ (RAL 9010), depending on the colour
Solids:	69 % weight 54 % volume
Material Consumption:	Coropur Cover RAL 9010 <u>Theoretically:</u> <u>Practically:</u> 60 µm TSD: 145 g/m ² 290 g/m ²
Available in cans of:	1,2 / 6 / 12 kg net
Colour:	acc. to RAL
V.O.C.:	ca. 370 g/l
UN.No.:	1263
RID/ADR/SDR Numbers:	No product of class 3
Flash Point:	+ 30°C
Date:	April 2003 / UW

Please pass this data sheet to the person in charge of coating application. Above data and recommendations are based on extensive tests and are to be considered only as guidelines without any obligations. As we are continuously developing and improving our products we recommend to consider the date of this data sheet and, if necessary, to ask if there were changes in the meantime. In case of further questions please contact one of our technical advisors for detailed information at:

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