

PRODUCT INFORMATION

COROPUR NON ABRASIV LS WITH ACTIVATOR A-1949

moisture hardening polyurethane coating

Product Description:	Coropur Non Abrasiv LS is a moisture hardening polyurethane coating. This product is especially suitable for the <u>long-term corrosion protection</u> of all steel surfaces. Coropur Non Abrasiv is highly resistant against abrasion and chemical influences and shows a low water and water vapour diffusion and <u>a good resistance to UV rays and light</u> .
Binding Agent:	Moisture hardening polyisocyanate
Pigments:	Anorganic and organic pigments
Solvents:	Aromatic hydrocarbons
Fields of Application:	High pressure pipes, sewage treatment plants, plant construction, locks, particularly in submarine areas, as well as in ship building. Coropur Non Abrasiv coating can be applied in industrial environments and sea climate, as well as for underground and submerged constructions. <u>Coropur Non Abrasiv Coating is suitable for the application of thick layers up to 400 µm, also on vertical surfaces.</u>
Surface pre-treatment	<p>1. Removal of contaminations: Remove oil and grease residues with solvent or emulsifying agent solutions. Remove salt residues with a brush or by steam vapour</p> <p>2. Mechanical roughening, preparation by sand blasting is desirable up to degree Sa 2 ½</p> <p>3. Primer: Coropur Zink M or Coropur PI</p>
Coating Recommendations:	<p>1 x 60 µm Coropur Zink M</p> <p>1 x 150 µm Coropur Non Abrasiv</p> <p>1 x 150 µm Coropur Non Abrasiv LS</p>
Application Methods:	Brush-, roller-, air- and airless-spray application
Application Conditions :	<p>Relative air humidity: 30 - 98 %</p> <p>Object temperature: - 5°C (ice-free) bis + 50°C</p>
Layer Thicknesses:	150 µm – 400 µm depending on stress: 250 µm - 1000 µm
Viskosity:	<p>200 DIN 6</p> <p>2.500 – 3.500 mPas (Brushing Viscosity)</p>
Thinner:	<p>Thinner A-851 Rolling</p> <p>Thinner T 1900 Spraying</p> <p>Quantity of admixture of thinners depends on ambient temperature and type of processing.</p>
Air Spraying:	Pressure: 5 bar Nozzle: 2,4 – 3,2 mm Thinner: 10 - 15 %

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Airless Spraying:	Pressure: 150 - 200 bar Nozzle: 0,5 - 0,8 mm Thinner: 0 - 5 % T 1900
Cleaning of equipment:	Thinner A-851 or Thinner T 1900
Drying:	at 20°C 150 µm TSD dust dry after: 1 hour fast to handling after: 5 hours overcoatable after: 5 hours stressable after: 6 hours
Temperature Resistance:	+ 140°C (dry)
Shelf Life:	6 months in unopened original can under cool and dry storing conditions. Cover opened cans with thinner A-851 or T 1900 and close tightly.
Density	1,40 g/cm ³
Solids:	78 % weight 66 % volume
Material Consumption:	Coropur Non Abrasiv LS <u>Theoretically:</u> <u>Practically (Spray)</u> 150 µm 320 g/m ² 640 g/m ² 400 µm 850 g/m ² 1.700 g/m ²
Available in cans of:	10 kg + 1 kg Activator A-1949 = 11 kg net
Colour:	grey, black, RAL...
V.O.C.:	278 g/l
UN-No.:	1263
RID/ADR/SDR Numbers:	No product of class 3 (Activator A-1949 Kl 3 Ziff 31c)
Flash Point:	+ 37°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:

REMA TIP TOP GmbH
Business Unit Industrie
Gruber Straße 63
85586 Poing
Telefon: +49 (0)81 21/7 07-2 55
Telefax: +49 (0)81 21/7 07-2 22
e-mail: bernd.dietz@tiptop.de

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