

PRODUCT INFORMATION

COROPUR ADHESION & INSULATING PRIMER

PRODUCT DESCRIPTION

COROPUR ADHESION & INSULATING PRIMER is a one-component, moisture curing primer in combination with aluminium pigments.

FIELDS OF APPLICATION

COROPUR ADHESION & INSULATING PRIMER is used as a bonding and insulating primer for old anti-corrosion coatings, where sandblasting is not possible for environmental and/or cost reasons.

FEATURES

- Sealing and compacting of old weathered paintings
- Applicable to hand prepared steel surfaces with residual rust
- A St 3 manual rust removal is sufficient

CHEMICAL RESISTANCE

Information on the chemical resistance properties is available upon request.

SUBSTRATE

Substrates are steel components. Components to be coated shall be designed and manufactured in accordance with EN 14879-1.

SURFACE PRE-TREATMENT

Loose flakes of old coatings, thick layers of rust, rust patterns etc. must be mechanically removed (by sanding, scraping, or using claw hammer, etc.). The exposed metal on the cleaned areas (including repaired areas) must be left for rusting for at least 3 days, in other words a build up of a uniform iron oxide layer is necessary! If this condition is not met, there is risk of blistering on the surfaces where the rusting occurred insufficiently.

ENVIRONMENTAL CONDITIONS

Environmental Conditions	Value
Relative Humidity	30% - 95%
Surface Temperature	-5°C (ice free) up to +30°C

APPLICATION

COROPUR ADHESION & INSULATING PRIMER is applied to the substrate using an airless air spray system or by rolling or brushing. The primer must be applied to cover.

CONSUMPTION

Product	Thickness [µm]	Coverage [g/m²]
COROPUR ADHESION & INSULATING PRIMER	ca. 40 - 70	ca. 70 (40 µm)

The information about coverage is an average for spray applications. Actual coverage depends on the object geometry and the method of application. It can vary.

CURING TIME (20°C)

Load Capacity	Time
Tack Free	ca. 90 min
Over Coating Time	ca. 6 h
Max. Over Coating Time	Max. 24 h

CLEANING

Clean all equipment with **COROPUR ROLLTHINNER A-851** immediately after use.

SAFETY MEASURES

The material safety data sheets of the individual components, the safety instructions on the packing (label) as well as the legal requirements for handling hazardous materials must be observed.

PACKING UNITS

The products are supplied in the following standard package sizes:

Product	Size	Article No.
COROPUR ADHESION & INSULATING PRIMER	1 kg	580 1352
COROPUR ADHESION & INSULATING PRIMER	5,5 kg	580 0047
COROPUR ADHESION & INSULATING PRIMER	11 kg	580 0054
COROPUR ROLLTHINNER A-851	0.80 kg	580 0315
COROPUR ROLLTHINNER A-851	4 kg	580 0322
COROPUR ROLLTHINNER A-851	9 kg	580 0339

STORAGE

The products must be stored in a cool and dry place, away from direct sunlight. At the specified storage temperatures a shelf life of the products is given of at least for the following periods:

Product	Temperature	Shelf Life
COROPUR ADHESION & INSULATING PRIMER	5 - 20°C	6 Months
COROPUR ROLLTHINNER A-851	5 - 25°C	24 Months

If the storage time is exceeded, the materials must be tested before use. Higher storage and transport temperatures will reduce the shelf life. The containers must be kept tightly closed. Liquid products must be stored frost-proof. In addition, the DIN 7716 must be observed.



// ONE BRAND // ONE SOURCE // ONE SYSTEM

COROPUR ADHESION & INSULATING PRIMER

Technical Data	Unit	Value
Density	g/cm ³	1.10 ± 0.05
Solids by Weight / Volume	%	84 ± 1 / 79 ± 1
Viscosity (DIN 4mm)	Seconds	35 - 45

Information given in the fact sheet above corresponds to the current knowledge available to us regarding our products at the time of its drafting and is intended as a guideline for informational purposes. However, because of the multiple possibilities regarding possible applications, processing and on site conditions, any information given in the fact sheet above is not legally binding, in particular, without being limited to, such information shall not be interpreted as a warranty of merchantability or of fitness for a particular purpose. Customer therefore is advised to conduct its own testing or make an inquiry with our technical department before ordering. We reserve the right to change the product at any time, in particular, without being limited to, minor changes because of advancements in technology. If by way of exception, the information given in the fact sheet above is incorporated by reference into any contract concluded with us under German Law, such information, shall only be interpreted as determining the specific requirements of the contractual products as set out in § 434 BGB (German Civil Code) and shall not be interpreted as constituting a guarantee of condition.

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