

nC Corrosion Passivator Primer 2-in-1



PRODUCT DESCRIPTION

nC Corrosion Passivator Primer 2-in-1 is designed to stop corrosion without the need for abrasive blasting. Specifically formulated for corroded surfaces, with excellent creeping properties. It chemically bonds to the substrate, creating a strong and durable tie-coat for 1- and 2-component metal primers and topcoats. Applicable on dry surfaces free from loose coating and rust, with an estimated coverage rate of 12-15 m² per liter.

FEATURES

- Surface-tolerant: no blasting required.
- Passivates corroded metal.
- Very strong creeping properties.
- Chemically adheres to the metal surface.
- Perfect tie-coat for 1- or 2k coating systems.
- Low consumption of 12-15 m²/L.

SUITABLE FOR

- Dry corroded substrates, direct-to-rust.
- Dry corroded substrates, after chipping or tooling.
- Once applied, nC Corrosion Passivator Primer 2-in-1 can withstand temperatures from -75°C to +100°C.

PROPERTIES

Color:	Amber transparent liquid
Odour:	Varnish odour
Viscosity:	Approx. 60-70 mPas
Solids:	Approx. 38%
Density:	Approx. 0.85 - 0.95 g / cm ³ / 20°C

LOGISTICS

Store between:	+5 °C to 35 °C Store out of direct sunlight and protect from frost.
Shelf life:	Up to 1 year in the original container
Available in:	1L / 2,5L / 5L / 20L packaging
UN number:	UN 1263, ADR3, III (Limited Quantity: 5L) <i>Limited air transport</i>

SAFETY / PERSONAL PROTECTIVE EQUIPMENT

Always read and understand the safety instructions on the label and in the Safety Data Sheet (SDS) before use. Strictly adhere to all local and national safety regulations. This product is intended for professional use only.

- Always use tight-fitting safety goggles, face mask, gloves and protective (long-sleeved) clothing.
- Ensure adequate ventilation, especially when working in confined spaces.

APPLICATION INSTRUCTIONS



SURFACE PREPARATION

Cleanliness

- Carefully degrease with a suitable detergent.
- Thoroughly remove salts, dirt, detergents and dust.
- The surface must be **dry**.

Substrate

- Remove loose rust and loose coating.
- This is a direct-to-rust solution; blasting not necessary.
- Already coated surfaces with good adhesion remain unaffected.

APPLICATION

- Stir well before use and stir regularly during application to prevent settling particles.
- DO NOT use any thinner. Product is ready to use.
- Application by brush, (short-haired) roller or spray.
- Apply a maximum of **50-60 micron WFT** (very thin). *Excessive film thickness can result in a drying time of >72h.*
- Consumption: approximately **12-15 m²/L**, depending on substrate and corrosion.

Application conditions:

Ambient temperature	+4 °C to 35 °C Temperature should be at least 8 °C to obtain good drying behaviour and curing.
Substrate temperature	+3 °C above dew point to max. 35 °C <i>Clean and dry surface</i>
Relative humidity	35-75 % <i>DO NOT apply outside when it is raining.</i>
Product temperature	+3 °C to max. 30 °C

DRYING TIMES/PAINTING OVER

	10 °C / 65% RH	20 °C / 65% RH
Touch dry	8 hours	4 hours
Hard dry*	24 hours	8 hours
Recoatable*	Min. 1 day Max. 7 days**	Min. 8 hours Max. 7 days**

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* Double-check if the coating is dry (Tack-free test). Excessive application results in a drying time >72 hours.

** After exceeding the maximum overcoating interval, check whether the entire surface is still stably protected, clean, and dry before overcoating. If this is not the case, touch up with nC Corrosion Passivator Primer 2-in-1 or perform additional cleaning/drying. No roughening is required.

Overcoating details

- Product must be painted over.
- Specified drying time: under normal conditions and depending on substrate, layer thickness and drying conditions.
- Keep application area well ventilated during application and drying, in order to acquire good drying conditions and for the good of the applicators' health.
- The surface must be dry and clean prior to further application.

DISCLAIMER

The information provided in this data sheet is based on our experience and to the best of our knowledge, but is non-binding. They must be adapted to the respective objects, intended uses and the particular local conditions. In outdoor use, color changes and surface degradation may occur depending on UV and weather exposure and aggressive climatic conditions. It is therefore recommended that, depending on the object and load, a test surface is created. Recommendations by our employees that deviate from the information in our data sheets are only binding for us if they are confirmed in writing. In any case, the generally recognised rules of technology must be observed. Otherwise, our general terms and conditions apply exclusively.

Older editions lose their validity. If a new edition is technically revised, this edition becomes invalid.