

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.
- Can be painted over after 4 (at 20 °C) to 6 hours.
- 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

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

LOGISTICS

Store between:	5 - 35°C (store out of direct sunlight)
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



PREPARATION WORK

- Surface must be dry and free from grease.
- Remove loose rust and loose coating.
- This is a direct-to-rust solution; blasting not necessary.
- High pressure washing and/or powertooling can be considered good surface preparation.
- Already coated surfaces with good adhesion remain unaffected.
- Processing temperature:

Ambient temperature	4 °C or min. 3 °C above dew point up to 35 °C maximum.
Surface temperature	Should not exceed 35 °C.
Relative humidity	35% minimum - 85% maximum. <i>DO NOT apply outside when it is raining.</i>

APPLICATION

- Stir well before use.
- 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). *Applying too thickly can result in a drying time of >72h.*
- Consumption: approximately **12-15 m²/L**, depending on substrate and corrosion.

CURING DETAILS/PAINTING OVER

- Product must be painted over.
- Product provides good adhesion for conventional 1- and 2-component metal primers and topcoats.
- Fully loadable after 12 hours.

Suitable for painting over after (20 °C / 65% RH):

Min.	4 hours
Max.	N/A

Check if the product is fully cured before applying next coat.

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NOTE

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.