

PRODUCT DATA SHEET

Sika® CorroTop Neu WEA

Solvent-containing coating based on synthetic resin for steel and primer coated zinc

DESCRIPTION

Easy applicable coating with a smooth, glossy surface.

USES

Sika® CorroTop Neu WEA may only be used by experienced professionals.

Corrosion protection and colour design for steel or primer coated galvanized steel constructions, e.g. warehouse structures, machine parts, wall and ceiling cladding, doors, railings, for indoor and outdoor.

CHARACTERISTICS / ADVANTAGES

- Quick-drying
- Stackable
- Excellent adhesion on old coatings, primed galvanized surfaces and aluminium

PRODUCT INFORMATION

Packaging	Sika® CorroTop Neu WEA	1 kg net.
	Sika® Thinner S	3 l
Appearance and colour	RAL 7035, RAL 7038 Green colour shades of ENERCON EC-A, EC-B, EC-C, EC-D and EC-E. Slight colour deviations are possible due to raw material characteristics.	
Shelf life	2 years	
Storage conditions	In originally sealed containers in a cool and dry environment.	
Density	~1.3 kg/l	
Solid content	~56 % by volume ~73 % by weight	

TECHNICAL INFORMATION

Chemical resistance	Resistant to weathering.
Temperature resistance	Dry heat up to max. + 100°C

SYSTEM INFORMATION

System	<u>Manual derusting steel:</u> 2 x SikaCor® Aktivprimer Rapid WEA 1 x Sika® CorroTop Neu WEA <u>Maintenance on old coatings:</u> 1 - 2 x Sika® CorroTop Neu WEA The product is not suitable for underwater exposure, resp. permanent condensation. When applying light and brilliant colours of Sika® CorroTop Neu WEA a 2 nd coat may become necessary to achieve perfect opacity.
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APPLICATION INFORMATION

Thinner	If necessary max. 3 % Sika® Thinner B may be added to adapt the viscosity.									
Consumption	Theoretical material-consumption/VOC without loss for medium dry film thickness: <table><tr><td><u>Dry film thickness</u></td><td><u>60 µm *</u></td></tr><tr><td><u>Wet film thickness</u></td><td><u>110 µm</u></td></tr><tr><td><u>Consumption</u></td><td><u>~0.140 kg/m²</u></td></tr><tr><td><u>VOC</u></td><td><u>~36.5 g/m²</u></td></tr></table> <small>* Max. dry film thickness: 120 µm</small>	<u>Dry film thickness</u>	<u>60 µm *</u>	<u>Wet film thickness</u>	<u>110 µm</u>	<u>Consumption</u>	<u>~0.140 kg/m²</u>	<u>VOC</u>	<u>~36.5 g/m²</u>	
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Material temperature	Min. + 5 °C									
Relative air humidity	Max. 85 %, except the surface temperature is significantly higher than the dew point temperature, it shall be at least 3 K above dew point.									
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Drying stage 6	<table><tr><td></td><td><u>Dry film thickness 60 µm</u></td><td>(ISO 9117-5)</td></tr><tr><td><u>+ 5°C after</u></td><td><u>21 h</u></td><td></td></tr><tr><td><u>+ 23°C after</u></td><td><u>10 h</u></td><td></td></tr></table>		<u>Dry film thickness 60 µm</u>	(ISO 9117-5)	<u>+ 5°C after</u>	<u>21 h</u>		<u>+ 23°C after</u>	<u>10 h</u>	
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Waiting time to overcoating	<u>At + 20°C</u> <u>Min. 12 h</u>									
Drying time	Final drying time Depending on layer thickness and temperature final hardness is usually achieved within several days.									

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Steel:

Surface must be free from oil, grease, dirt, as well as

free of scale and mill scale.

Blast-cleaning to Sa 2 ½ according to ISO 12944-4 will give the best result. In case of lower exposure as e.g. in rural atmosphere or indoors, manual surface preparation (power tool cleaning) to St 2 may be sufficient.

Old coatings:

Well adhering coatings need only to be cleaned. Loose particles must be removed, corroded areas must be derusted to PSa 2½, PMa or PST 2 and patched up with Sika® CorroTop Neu WEA or SikaCor® Aktivprimer Rapid WEA.

For contaminated and weathered surfaces e.g. galvanized or primed areas we recommend to clean with SikaCor® Wash.

MIXING

Sika® CorroTop Neu WEA is supplied ready for use. Stir thoroughly prior to application.

APPLICATION

The method of application has a major effect on achieving uniform thickness and appearance. Adding solvents reduces the sag resistance and the dry film thickness. In case of application by roller or brush, additional applications may become necessary to achieve the required coating thickness, depending on type of construction, site conditions, colour shade etc. Prior to major coating operations a test application on site may be useful to ensure the selected application method will provide the requested results.

By brush and roller

CLEANING OF EQUIPMENT

Sika® Thinner B

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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PRODUCT DATA SHEET

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