

REMOSIL S ZINK

Siliconresin zinc dust primer

Product properties

Heat resistant primer with metallic zinc dust
It is heat resistant up to 400°C

Recommended uses

Used as a primer in atmospheric exposure conditions.
For protection of equipment exposed to high working temperatures.

Product data

Colour	grey
Volume solids with	34 %
Spec. Gravity	1,8 g/cm ³
VOC	578 g/l According directive 2010/75/EU
Theoretical coverage	40 µm DFT 4,6 m ² /kg
Typical thickness	30 - 40 µm

Curing table for dry film thickness up to 40 µm	
Substrate temperature	23 °C
Dry to touch	1 hrs
Dry to handle	3 hrs
Overcoating, minimum	24 hrs
Overcoating, maximum	According to Kansai Helios technical guidelines

Thinner	VERDÜNNUNG 500
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Recommended substrate preparation

Tackfree drying under ambient temperatures . Fully cured after heating up to >150°C. Entire system should be stoved together. All surfaces to be coated shall be clean, dry and free from any contamination. Before application of the paint, all steel surfaces shall be assessed and treated in accordance with ISO 8501 and ISO 8504. The coating must be applied to the specified thickness, as soon as possible after the surface is properly prepared. Weld spatter, sharp weld seams and sharp edges shall be removed.




Steel	Blast cleaning to Sa 2 ½ according to ISO 8501-1:2007. Roughness profile grade medium (G), according to ISO 8503-1:2012.
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Application

DFT maximum 40. µm

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	Thinning	Nozzle	Pressure
 Airless	by weight up to 5 %	0,011 - 0,013 "	at least 120 bar
 Brush	For small areas and stripe coating		
 Roller	For small areas		
Repair	Corroded or damaged areas shall be blasted to Sa 2 ½ or mechanically cleaned to St 3, according to standard ISO 8501-1. For repair of weld seams surface preparation Sa 2 ½ or St 3. After this overcoat with max. 30µm (possibly with thinner) REMOSIL S ZINK.		

Apply only on a clean and dry surface with a temperature at least 3 °C above the dew point to avoid condensation.
 Substrate temperature during application and curing shall be above 5 °C.
 Relative humidity during application and curing shall not exceed 80 %.
 Do not thin more than allowed by local environmental legislation.
 Too much solvent results in a reduced sag resistance and slower cure.

Additional information

Following further information can be found on www.kansai-helios.eu

Kansai Helios technical guidelines
[Recommended coating system](#)

System compatibility

Topcoat: REMOSIL S ALU
 REMOSIL S GLIMMER

Safety precautions

This product is intended for use only by professionals and with reference to the corresponding Safety data sheet. All work involving the application, use and handling of this product shall be done in accordance with relevant national HSE regulations.

Storage and shelf life

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf life:	REMOSIL S ZINK	12 Month from manufacture in unopened can.
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Subjected to re-inspection thereafter.

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Disclaimer

The provided information is based on our experience and on current knowledge, for its completeness, we assume no liability. As we take no influence on the processing, it lies within the obligation of the user to test, whether the product is suitable for the intended purpose, before using it. Any change in the processing procedure, the environmental conditions, or the failure to comply with instructions may unfavorably influence the result.

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