

# REMOSIL S ALU RAL 9006

## Product properties

One component silicone Aluminium top coat  
Withstands long-term exposures up to 600°C

## Recommended uses

For parts exposed to temperature load

## Product data

<b>Colour</b>	aluminium
<b>Volume solids with</b>	40 %
<b>Spec. Gravity</b>	1,15 g/cm <sup>3</sup>
<b>VOC</b>	510 g/l According directive 2010/75/EU
<b>Theoretical coverage</b>	25 µm DFT 16,2 m <sup>2</sup> /l 14 m <sup>2</sup> /kg
<b>Typical thickness</b>	25 µm

<b>Curing table for dry film thickness up to 30 µm</b>	
<b>Substrate temperature</b>	23 °C
<b>Dry to touch</b>	1 hrs
<b>Dry to handle</b>	3 hrs
<b>Overcoating, minimum</b>	24 hrs
<b>Overcoating, maximum</b>	According to Kansai Helios technical guidelines

<b>Thinner</b>	VERDÜNNUNG 500
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## Recommended substrate preparation

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.

<b>Steel</b>	Blast cleaning to Sa 2 ½ according to ISO 8501-1:2007. Blasting profile grade fine to medium (G), according to ISO 8503-1:2012.
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## Preparing of mixture

<b>Mixing</b>	Stir container with a high-speed agitator for at least 90 seconds with a toothed dispersion blade before use.
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## Application

DFT maximum 30. µm

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	Thinning	Nozzle	Pressure
 <b>Airless</b>	by weight up to 3 %	0,009 - 0,013 "	at least 150 bar
 <b>Air Spray</b>	by weight up to 3 %	1,5 - 1,8 mm	4 bar
 <b>Brush</b>	For small areas and stripe coating		
 <b>Roller</b>	For small areas		

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](http://www.kansai-helios.eu)

### Kansai Helios technical guidelines

### Remarks

The provided information should be considered only as a guidance. Drying and curing times are determined under controlled temperatures and relative humidity below 80% and at average of the DFT range for the product. The actual drying times before overcoating may be different, depending on film thickness, ventilation, humidity, underlying paint system etc. Excessive application will extend both the minimum overcoating periods and handling times and may affect long term overcoating properties. When the maximum recoating time is exceeded, it might be necessary to roughen the surface before overcoating. When in doubt, consult KANSAI HELIOS.

<b>Cleaning</b>	Do not allow the paint to stay in hoses, gun or spray equipment. Clean all equipment with the prescribed cleaner immediately after use.
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### Recommended coating system

### System compatibility

**Primer:** REMOSIL S ZINK (UP TO 400°C)  
 REMOSIL OM 101 (UP TO 400°C)  
 REMOSIL OM 500 (UP TO 500°C)

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## Safety precautions

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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

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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 ALU RAL 9006	12 Month from manufacture in unopened can.
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Subjected to re-inspection thereafter.

## Disclaimer

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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.

We accept no liability for the performance of the product or for any loss or damage arising out of the use of the product unless we expressly agreed otherwise in writing. We disclaim any, express or implied, warranties of merchantability, satisfactory quality or fitness for a particular purpose, functionality or non-infringement, except to the extent such warranties are legally incapable of exclusion. No representation or other affirmation of fact, including but not limited to statements regarding capacity, suitability for use or performance of the product, whether made by our employee or otherwise, shall be deemed to be a warranty for any purpose or give rise to any liability. No oral or written information or advice given shall create a warranty or in any way increase the scope of any warranty.

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