

REM AQUA LAC PRIMER

Product properties

One component waterborne acrylic primer
For application directly on hot-dip galvanizing

Recommended uses

For the protection of power lines,
Used as a primer in atmospheric exposure conditions.
It is used in system with suitable top coat.

Product data

Colour	limited selection
Volume solids with	54 % ± 2
Spec. Gravity	1,4 g/cm ³
Theoretical coverage	70 µm DFT 7,1 m ² /l 5,6 m ² /kg
Typical thickness	70 µm

Curing table for dry film thickness up to 70 µm	
Substrate temperature	20 °C
Dry to touch	60 min
Dry to handle	8 hrs
Overcoating, minimum	60 min
Overcoating, maximum	According to Kansai Helios technical guidelines

Recommended substrate preparation

All surfaces to be coated shall be clean, dry and free from any contamination. 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.

Hot-dip galvanised steel	The surface must be dry and free from any contamination.
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Preparing of mixture

Mixing	Stir container with a high-speed agitator for at least 90 seconds with a toothed dispersion blade before use. Application tools must be suitable for waterborne products.
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Application

DFT maximum 120. µm

REM AQUA LAC PRIMER

 <p>Airless</p>	<p>Thinning by weight up to 3 %</p>	<p>Nozzle 0,013 - 0,015 "</p>	<p>Pressure at least 150 bar</p>
 <p>Brush</p>	<p>Thinning: by weight up to 3 %</p>		
 <p>Roller</p>	<p>For small areas Thinning: by weight up to 3 %</p>		
<p>Repair</p>	<p>Prior to overcoating, the existing coating shall be dry, free from any loose paint, grease, oil and any other contaminants.</p>		

Apply only on a clean and dry surface with a temperature at least 5 °C above the dew point to avoid condensation.
 Substrate temperature during application and curing shall be above 5 - 35 °C.
 Relative humidity during application and curing shall not exceed 80 %.
 At lower temperatures and/or humidity, the recoating interval is extended.
 Adequate ventilation shall be maintained during application and curing.
 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

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.

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

System compatibility

Topcoat: REM AQUA LAC DS GLIMMER
 REMOPLAST UVC GLIMMER

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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. The product must be protected against frost and stored in a frost-free place at low outside temperatures.

Shelf life:	REM AQUA LAC PRIMER	36 Month from manufacture in unopened can.
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Subjected to re-inspection thereafter.

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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