

Technical Data Sheet

KEMOLUX AC METAL PRIMER

primer



Description

KEMOLUX AC is a one-component thin-film primer based on an alkyd resin.

It exhibits good mechanical properties, good adhesion to steel or aluminium substrates, good coverage and thermal stability of up to 120 °C.

Typical use

It can be used in alkyd systems for long-lasting corrosion protection of metal surfaces.

Product range



Gloss

matte

Density

1.3 – 1.4 kg/l (EN ISO 2811-1)

Thinning

Synthetic thinner

Non-volatile-matter content

by weight: 76±1 %

by volume: 56±1 % (EN ISO 3251)

Volatile organic compounds content

VOC: A(i) 500 g/l; max. 450 g/l (EN ISO 11890-1)

Compatibility

Previous coats: -

Subsequent coats: KEMOLUX TOPCOAT, HARDLUX PROFESIONAL TOPCOAT, HARDLUX DIRECT 3in1

Surface preparation

The metal surface must be cleaned, sanded, degreased, and dried.

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Safety measures

Read the Safety Data Sheet before use. Keep away from heat, ignition sources and out of reach of children. Prevent leakage and spillage into watercourses and drainage systems. Wear appropriate protective equipment when using.

Material preparation

Stir well before use.

Application

The coating can be applied by spray, dipping, brush, or roller in two layers.

Spray or dipping application requires the coating temperature to be 15 °C or higher. Thinning up to max. 20 % is usually recommended for this type of application.

Brush or roller application requires multiple layers to achieve the optimal film thickness and is therefore more suitable for smaller surfaces. Thinning up to max. 5 % is usually recommended for this type of application.

Dry film thickness may vary depending on the area of application, which may affect the spreading rate and recoating interval.

After use, thoroughly clean the tools with the recommended thinner.

For any additional information please contact a Chromos-Svjetlost technical advisor.

Working conditions

air temperature: min. +5 °C

relative humidity: max. 85 %

substrate temperature: min. 3 °C above dew point

Spreading rate and film thickness

	dry film thickness [µm]	wet film thickness [µm]	theoretical spreading rate [m ² /l]
typical	30	55	10 – 12

Drying time

surface temperature [°C]	touch dry [h]	through dry [h]	overcoating interval	
			min. [h]	max. [d]
20	4	24	10	14

Shelf life

5 years from production date in unopened package.

Transport and storage

Store in a dry and well-ventilated place out of direct sunlight and at a temperature between +5 °C and +25 °C.

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Product and packaging disposal

Empty the packaging completely. Dispose of in accordance with valid regulations.

Quality control

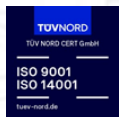
Product quality characteristics are determined by internal production specifications, as well as European and Croatian standards. The product is under constant supervision of factory quality control and a corresponding certificate can be issued upon request.

Disclaimers

Before using the product, please check its quality. In case of any major deviations from the declared properties of the product, stop the use and contact the manufacturer; otherwise, any subsequent complaints will not be accepted.

Technical data are the result of our technical and experimental knowledge, and are provided with the intention of achieving optimal results in working with Chromos-Svjetlost products. The data does not contain a legal or secondary obligation of the manufacturer nor does it release the user from the obligation to check the suitability of the product for particular purpose. Due to the use of natural raw materials in our products, minor deviations from certain values are possible for individual deliveries. Contact our Technical service before use on substrates not listed in the accompanying documentation. The manufacturer reserves the right to make any subsequent changes to the Technical Data Sheet. Only the latest edition is valid. Updated Technical Data Sheets can be found on the website www.chromos-svjetlost.hr or can be requested from the manufacturer via the contact e-mail address below. Contact our Technical service for more detailed information. Read the safety labels on the product packaging before use. Safety Data Sheet is available on request via e-mail: msds@chromos-svjetlost.hr.

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Quality and Environmental management systems certified in accordance with TÜV Nord;
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