

Technical Data Sheet

KEMOCEL METAL PRIMER



product description: One-component, fast-drying primer based on combination of alkyd and phenol resin, which contains anti-corrosion pigments.
It is characterized by excellent adhesion to different types of metal surfaces and good mechanical properties.

It can be used as primer in anti-corrosion protection for various metal products such as farming machinery and tools, accessories, industrial equipment and other metal processing industry and machinery products.

assortment: White, red, grey

coating appearance: Matt

density: 1.5 – 1.6 kg/l (EN ISO 2811-1)

thinner: NITRO THINNER

non-volatile-matter content

by weight: 70±2 % (EN ISO 3251)

by volume: 50±2 %

volatile organic compounds content (VOC): A(i) 500 g/l; max. 499 g/l (EN ISO 11890-1)

drying time:

Substrate temperature (°C)	touch dry (minutes)	completely dry (minutes)	overcoating interval	
			min. (minutes)	max. (days)
20	20	60	20	-

film thickness and spreading rate:

typical

dry film thickness (µm)	wet film thickness (µm)	theoretical spreading rate (m ² /l)
30	60	16,7

working conditions: air temperature: min. +5 °C
relative humidity: max. 85 %

substrate temperature: min. 3 °C above dew point

substrate preparation: Metal surfaces:

Sandblasting, cleaning, degreasing and drying

Note: Using coatings with anti-corrosion pigments on structures that will be immersed during exploitation is not recommended.

application: Stir well before use!

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

Spray/dipping application requires a coating temperature of 15 °C or higher and dilution of the coating with 15-20% thinner.

Brush or roller application requires multiple layers to achieve optimal film thickness and is therefore recommended for application on smaller areas. It is recommended to dilute the coating with 5 – 10 % thinner.

Dry film thickness may vary depending on area of use which may alter spreading rate,

Technical Data Sheet

KEMOCEL METAL PRIMER



	<p>drying and curing time as well as overcoating interval.</p> <p>After use thoroughly wash tools with the aforementioned thinner.</p> <p>For any additional info, please contact a Chromos-Svjetlost technical advisor.</p>
shelf life:	In unopened packaging 2 years from the date of production.
transport and storage:	Store in a dry and well-ventilated place out of direct sunlight at a temperature of +5 to +25 °C.
safety measures:	Keep away from heat and sources of ignition. Use non-sparking tools. Prevent leakage and spillage into watercourses and drainage systems. Do not store any tools or machines that may produce a spark. Avoid heat, sparks, static electricity and flames. Keep out of reach of children. Wear protective equipment. Read the safety data sheet of the product before use.
product/packaging disposal:	Empty the packaging completely. Dispose of in accordance with valid regulations to an authorized waste collector.
quality control:	Product quality characteristics are determined by internal production specifications and European and Croatian standards. The product is under the constant supervision of factory quality control Chromos-Svjetlost d.o.o.
certificates:	A corresponding certificate is issued for each batch.
disclaimers:	<p>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.</p> <p>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. Be sure to read the safety labels on the product packaging before use. Safety Data Sheet is available on request.</p>
	<p>December, 2021.</p> <p>Quality and Environmental management systems certified in accordance with TÜV NORD Croatia; Certificate No: 44 100 134668 / 44 104 134668</p>

