

## Technical data sheet

# KEMODUR S

primer



<b>product description</b>	<p>KEMODUR S is a one-component, fast-drying primer based on a combination of modified alkyd and phenolic resin, which contains anti-corrosion pigments.</p> <p>It is characterized by excellent adhesion to various metal surfaces and good mechanical properties.</p> <p>It can be used as a primer for anti-corrosion protection of iron, galvanized and aluminium surfaces.</p>				
<b>product range</b>	oxide red, grey				
<b>appearance</b>	matte				
<b>specific gravity</b>	1.6 – 1.8 kg/l (EN ISO 2811-1)				
<b>thinner</b>	Nitro thinner				
<b>solids content</b>	<b>by weight:</b> 80 ± 2 % <b>by volume:</b> 60 ± 2 % (EN ISO 3251)				
<b>volatile organic compound content</b>	<b>VOC:</b> A(i) 500 g/l; max. 450 g/l (EN ISO 11890-1)				
<b>drying time</b>	temperature (°C)	touch dry (hours)	through dry (hours)	overcoating interval	
	20	1	16	min. (hours)	max. (days)
<b>film thickness and spreading rate</b>	dry film thickness (µm)		wet film thickness (µm)		theoretical spreading rate (m <sup>2</sup> /l)
application range	30 – 60		50 – 100		20.0 – 10.0
typical	40		65		15.0
<b>working conditions</b>	<b>air temperature:</b> min. +5 °C <b>relative humidity:</b> max. 85 %				
<b>substrate preparation</b>	<b>substrate temperature:</b> min. 3 °C above dew point Substrate needs to be cleaned, sanded, degreased and dried.				
<b>application</b>	<b>Stir well before use!</b> This coating can be applied with air spray, brush or roller. Air spraying requires coating temperature of 15 °C or higher. 15 – 20 % dilution is recommended. Brush or roller application requires multiple layers to achieve optimal film thickness and is therefore recommended for application on smaller areas. 5 – 10 % dilution is recommended. Dry film thickness may vary depending on area of use which may alter spreading rate, drying and curing time as well as overcoating interval. After use thoroughly wash tools with the aforementioned thinner. For any additional information, please contact a Chromos-Svjetlost technical advisor.				
<b>shelf life</b>	3 years in an original, unopened package				
<b>transport and storage</b>	Store in a dry and well-ventilated place out of direct sunlight and at a temperature between +5 and +25 °C.				
<b>product and packaging disposal</b>	Empty the packaging completely. Dispose of in accordance with valid regulations.				
<b>quality control</b>	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 of Chromos-Svjetlost.				
<b>certificates</b>	A corresponding certificate is issued for each batch.				

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**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](http://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 sheets are available on request.

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Quality and Environmental management systems certified in accordance with TÜV Nord;  
Certificate No. 44 100 134668 / 44 104 134668

