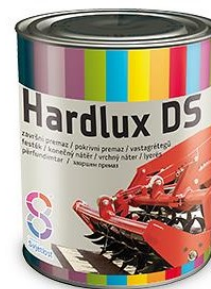


Technical data sheet

HARDLUX DS

Topcoat

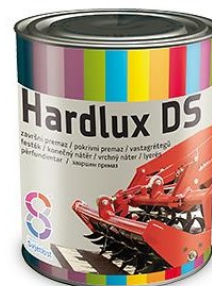


description	<p>HARDLUX DS topcoat is a one-component thick-film primer coating based on urethane-modified alkyd resin</p> <p>The coating features good weather resistance, it may be applied at lower temperatures and maintains thermal stability up to 100 °C.</p> <p>It can be used in alkyd anti-corrosion protection systems of various metal structures.</p>			
range	The product is available in a large number of shades by applying the Top Mix system for machine tinting.			
appearance	semi-gloss			
density	1,0 – 1,2 kg/l (HRN EN ISO 2811-1:2016)			
thinner	Synthetic thinner.			
non-volatile compounds content	<p>by weight 64 ± 2 %</p> <p>by volume: 50 ± 2 % (HRN EN ISO 3251:2019)</p>			
volatile organic compounds content:	(VOC): A(j) 500 g/l; max. 499 g/l (HRN EN ISO 11890-1:2008)			
drying	surface temperature(°C)	Touch dry (hours)	completely dry (hours)	recoat interval
				min. (hours) max (days)
	5	3	12	32 –
	10	2.5	6	16 –
	20	2	4	8 –
	30	1.5	3	4 –
thickens and coverage	dry film thickness (µm)		wet film thickness (µm)	Theoretical coverage (m2/l)
limitary	50– 100		100– 200	10.0– 5.0
recommended	80		160	6.3
work conditions	<p>air temperature: min. +5 °C</p> <p>relative air humidity: max 85%</p> <p>surface temperature: min. 3 °C than the dew point</p>			
preparation of the surface	The surface should be dry, clean and degreased before the application of the basecoat of recoat.			
coating application	<p>Stir well before use!</p> <p>The coating can be applied by airless spraying, brush or roller.</p> <p>Application by airless spraying requires a coating temperature of 15 °C or higher. An output pressure of 15 MPa, a nozzle opening of 0.015" to 0.019" (from 0.38 to 0.48 mm), a jet angle of 30° to 80° and regular checking of the filter cleanliness are recommended. The data for airless spraying is given as a guideline and can be further adjusted if necessary.</p>			

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	<p>Brush or roller application requires multiple layers to achieve optimal coating thickness, so it is more suitable for smaller surfaces.</p> <p>The range of dry film thicknesses can change depending on the area of application of the coating which can lead to deviations from the stated coverage values and the recoat interval.</p> <p>After use, close the packaging well and thoroughly wash the used tools in the specified thinner.</p> <p>In case of any questions, contact the sales and technical advisor of Chromos-Svjetlost.</p>
shelf life	2 years from the stated date of production in unopened packaging
transport and storage	Store in original, factory-sealed packaging in dry and well-ventilated areas away from direct sunlight and at a temperature of +5 to +25 °C.
disposal of leftover product and packaging	Empty the packaging of its contents completely and dispose of it at a recycling yard. Legal persons must deliver the packaging I. The product as packaging waste to a licensed waste collector.
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 the factory quality control of Chromos-Svjetlost.
certificates	For each batch of the product corresponding certificate is being issued.
general remarks	<p>Technical values apply only to base products. Tinting paint can result in minor deviations from individual technical characteristics. Depending on the properties of the substrate and the method of application, minor deviations in colour compared to the colour chart are possible. The colour of the product must be checked on a small test surface before application as we will not be able to accept any complaints later.</p> <p>The technical data are the result of our technical knowledge and experience, and are provided with the intention of achieving optimal results when working with Chromos-Svjetlost products. The data do not contain any legal or secondary obligation on the part of the manufacturer nor do they release the customer from the obligation to verify the suitability of the product for a specific purpose. Due to the use of natural raw materials in our products, minor deviations from certain values are possible during individual deliveries. When applying the product on surfaces that are not specified in corresponding documentation consult the manufacturer. The manufacturer reserves the right to make further changes to the technical data sheet. Only the latest version is valid. Updated technical data sheets are available at www.chromos-svjetlost.hr or can be requested from the manufacturer via the contact e-- mail listed below. For more detailed information, please contact our technical service. Before use, read the safety labels on the product packaging. Technical and Safety Sheets are available on request.</p>

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Quality and environmental protection management system certified by TÜV Croatia
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