

Technical Data Sheet

KEMOCEL FAST-DRYING TOPCOAT

Topcoat for protection and decoration of metal and wooden surfaces



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| description: | KEMOCEL FD topcoat is a coating based on short oil alkyds. It is used for the protection and decoration of primarily metal and wooden surfaces. Because of its special anti-corrosion properties, it can be used as an anti-corrosive topcoat. |
| intended use: | KEMOCEL FD varnish is used as a finish coat in the protection system of metal and wooden surfaces. Protection of agricultural machinery, attachments, industrial equipment, means of internal transport and other products of the metalworking and electrical industry. |
| assortment: | It is produced in 11 standard shades, and a whole range of shades can be obtained by applying the Top Mix system for tinting CHROMOS-SVJETLOST. |
| product characteristics: | Product is: outstanding mechanical properties characterized by fast drying resistant to weathering, oil and mild chemicals thermally stable up to 120 °C |
| thinner: | Fast-drying paint thinner / Nitro thinner |
| coating appearance: | Glossy and matt, depending on customer requirements. |
| coverage: | 12 – 14 m ² /l in one layer on a smooth surface, with a dry film thickness of 40 µm |
| density: | 1.0 – 1.3 kg/l (depending on the shade) (EN ISO 2811-1) |
| viscosity: | 60 – 120 s (EN ISO 2431; DIN 4, 20 °C) |
| non-volatile-matter content: | 48 ± 5 % (by weight); 38 ± 5 % (by volume) – depending on the shade (EN ISO 3251) |
| volatile organic compounds content (VOC): | HOS: A(i) 500 g/l; max: 499 g/l (EN ISO 11890-1) |
| working conditions: | The temperature of the air, material and surface during processing must be higher than +10 °C, less than +25 °C, and relative humidity less than 75 %. |
| undercoat: | KEMOCEL primer for metal / KEMOLUX UNI AC FD primer / KEMODUR S primer / Kemepox WASH PRIMER. |
| material application: | Stir the material in the original packaging before use! On a well-prepared metal surface, it is recommended to first apply the primer, and then KEMOCEL FD topcoat in the desired shade, in two layers by spraying or, exceptionally; in the case of small areas, by brush or roller. For less loaded surfaces, KEMOCEL FD topcoat can be applied directly to the metal as an anti-corrosive top coat. For any additional info, please contact a Chromos-Svjetlost technical advisor. |
| drying time: | The next layer can be applied after 1 hour; the film is completely dry in 4 - 6 hours. Forced drying: 30 minutes at 60 °C. |
| overcoating interval: | min. 1 – 2 h; max. no limits |
| transport and storage: | Store in a dry and well-ventilated place out of direct sunlight at a temperature of +5 to +25 °C. |
| shelf life: | In unopened packaging 3 years from the date of production. |
| certificates: | Appropriate documentation is provided for each production batch. |
| product/packaging disposal: | Empty the packaging completely. Dispose of in accordance with valid regulations to an authorized waste collector. |

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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.

disclaimers: Technical values refer to basic products. Tinting the product may cause minor deviations in certain technical characteristics. Depending on the properties of the substrate and the method of application of the product, minor deviations in shade in relation to the tone chart are possible. The product shade should be checked on a small test surface before use, as we will not be able to accept any subsequent complaints.

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. Be sure to read the safety labels on the product packaging before use. Safety Data Sheet is available on request.

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Quality and Environmental management systems certified in accordance with TÜV NORD Croatia;
Certificate No: 44 100 134668 / 44 104 134668

