Technical Data Sheet

KEMOLUX TOPCOAT FOR RADIATORS

High quality top coating for radiators

product description:	KEMOLUX TOPCOAT FOR RADIATORS is an air-drying alkyd coating with outstanding mechanical properties, resistance to weathering, oil and mild chemicals. Retains shine and shade for a long time. It is thermally stable up to 80 °C (white shade), or 120 °C (brown shade).
intended use:	KEMOLUX TOPCOAT FOR RADIATORS is used as a finishing, protective and decorative coating for radiators.
assortment:	It is produced in white and brown shade.
product characteristics:	Excellent coverage Outstanding mechanical properties Resistant to weathering, oil and mild chemicals Temperature stability up to 120 °C
thinner:	SYNTHETIC THINNER - up to max. 15% (depending on the application method)
coverage:	8-11 m^2/l in one layer on a smooth surface, with a dry film thickness of 30 µm
density:	0.9 – 1.20 kg/l, depending on the shade (EN ISO 2811-1)
non-volatile-matter content	
by volume:	55±2 %
***by weight*:**	60-70 % , depending on the shade (EN ISO 3251)
volatile organic compounds content (VOC):	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 %.
surface preparation:	The surface must be completely dry, smooth, clean, and free of dust, greasy stains, fungi and other foreign bodies. Remove old paint that is not well bonded, mechanically. Then apply KEMOLUX metal primer/ KEMOLUX UNIVERSAL AC FD primer to the surface, all according to the manufacturer's instructions.
material preparation and application:	Stir the material in the original packaging before use. Old coatings should be lightly sanded and dusted well before restoration. On a dry, clean and dusted surface, apply with a brush or roller (diluted with a maximum of 5 % thinner) and spray or dip (diluted with 10-15 % thinner), in 2-3 coats. A dry film thickness of 30 µm per coating is recommended. Different production batches as well as products tinted in the TOP MIX system must be equalized before use. Prepare a sufficient amount of product for use to process one surface; keep the rest in a well-sealed original packaging. Immediately after finishing work, wash the tool with synthetic thinner. For any additional info, please contact a Chromos-Svjetlost technical advisor.
drying time:	Touch dry: after 6-8 h (20 °C and 65 % relative humidity) Completely dry: after 24 h. Depending on the weather conditions, this period may be extended.
overcoating interval:	Minimum: 16 h/ 20 °C, with 65% relative humidity and good ventilation. Maximum: 1-2 weeks. If this time is exceeded, the surface of the coating should be lightly sanded with sandpaper (steel brush) or 3-4% of thinner should be added to the paint for better adhesion of the next coating.
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

Chromos-Svjetlost d.o.o. / M. Stojanovica 13 / 35257 Lužani
www.chromos-svjetlost.hr / prodaja@chromos-svjetlost.hr / tel. 385/35/213-800 / fax. 385/35/213-801

Technical Data Sheet

KEMOLUX TOPCOAT FOR RADIATORS

High quality top coating for radiators

	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.
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 5 years from the date of production.
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.
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. The presence of alkyd resins (oil-based) in products can cause the white shade to become yellow, but it doesn't affect the coating itself. This base will cause all coatings to develop a yellow tone when they stand, particularly in dark interior spaces due to a lack of light. Chemical reactions with ammonia vapors from cleaning agents and agents for subsequent rehabilitation (glues, sealants) can cause yellowing on the varnish surface. To prevent unwanted yellowing of the white shade, it's recommended to use an acrylic-based coating called AQUALUX LAK. 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.

October, 2021.

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

Chromos-Svjetlost d.o.o. / M. Stojanovica 13 / 35257 Lužani
www.chromos-svjetlost.hr / prodaja@chromos-svjetlost.hr / tel. 385/35/213-800 / fax. 385/35/213-801