

## Technical Data Sheet

# TOP MAT

*water-washable transparent latex matt coating  
for interior paint*



<b>product description:</b>	Transparent latex matt coating based on of high-quality polymer binders and additives. It is intended for protection and decoration of interior walls and it is resistant to wet scrubbing. The coating is used when additional protection of the wall from major staining is required.		
<b>area of application:</b>	Suitable for wall surfaces in schools, hospitals, child care centres, or areas in contact with people. Colourless Top Mat coating is generally used for painting walls in public institutions to a height of 1.5 metres. This enables easier cleaning of surfaces in such areas.		
<b>dilution:</b>	Pure water, max. 5 %		
<b>consumption:</b>	0.15 l/m <sup>2</sup> in two layers, depending on the absorbency and roughness of the substrate.		
<b>non-volatile-matter content:</b>	21±1 % (EN ISO 3251)		
<b>density:</b>	1.0–1.1 kg/l (EN ISO 2811-1)		
<b>volatile organic compounds content (VOC):</b>	A(a), 30 g/l; max. 1 g/l (EN ISO 11890-1)		
<b>technical data according to EN 13300:</b>	Wet scrub resistance (EN ISO 11998)		Class 1
	Gloss (EN ISO 2813)		Matt
<b>working conditions:</b>	The temperature of the air, material and surface during processing must be higher than +5 °C and lower than +30 °C, and the relative humidity lower than 80 %. Low temperatures as well as high air humidity prolong the drying time and can change the shade unevenly. High temperature in summer shorten the open working time of the material.		
<b>substrate preparation:</b>	The substrate must be completely dry, smooth, clean, free of loose parts, dust, grease stains, mold and other foreign bodies. Before each painting, the substrate must be inspected and its condition determined. All loose parts of the substrate and old coatings should be removed. The resulting unevenness, depending on their depth, fill with suitable plasters or leveling compounds. Treat mold infected substrates with biocide solution <i>Algenon</i> or <i>Algenon Plus</i> , then clean with a cloth or a brush using solution of universal cleaners. The most effective solution against the formation of mold is to eliminate the cause of their formation (regular ventilation, insulation of cold bridges, removal of moisture sources, waterproofing). Wash greasy and heavily soiled parts with solution of <i>Kalijev sapun</i> . Apply Top Mat on a completely dry wall surface treat with interior wall paint ( <i>Kemopol</i> , <i>Kemopol Plus</i> , <i>Kemopol Premium</i> ).		
<b>material preparation and application:</b>	Mix the material in the original packaging by hand, and if necessary, dilute it with clean water up to 5% (until the consistency for application is reached). It is applied with a brush or short-haired roller (hair length is 10-12 mm, and 14 mm in case of structure surfaces) or Airless device in two layers. When using a roller use a suitable paint roller net. The second layer is applied only when the previous one is completely dry (approx. 4–6 h). To avoid visible joints, we recommend applying wet to wet, without interruption from one end of the surface to the other. Freshly applied coating will create a milky white film on the surface that will become transparent when dried. Wash the tool immediately after working.		

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	Adhere to the applicable construction standards when applying the products. For any additional info, please contact a Chromos-Svjetlost technical advisor.
<b>coatings drying:</b>	Intercoating interval 4–6 h (20 °C and relative humidity 65 %). Complete drying of coatings in 6-12 h (20°C and relative humidity 65%). The specified period may be extended depending on the weather conditions.
<b>surfaces maintenance:</b>	Maintain surfaces by dusting and cleaning. On surfaces from which dirt or stains cannot be removed, it is necessary to perform restorative painting (new two-layer application of paint, see the material preparation and application).
<b>safety measures:</b>	It is necessary to follow the general rules for construction works. Keep out of reach of children. Wear protective equipment. Read the product safety data sheet before use.
<b>transport and storage:</b>	Store in a dry and well-ventilated place out of direct sunlight at a temperature of +5 to +25 ° C. Protect it from freezing.
<b>shelf life:</b>	In unopened packaging 18 months.
<b>product/packaging disposal:</b>	Empty the packaging completely. Dispose of in accordance with valid regulations to an authorized waste collector.
<b>quality control:</b>	Product quality characteristics are determined by internal production specifications, as well as European and Croatian standards. The product is under the constant supervision of factory quality control Chromos-Svjetlost d.o.o.
<b>disclaimers:</b>	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 <a href="http://www.chromos-svjetlost.hr">www.chromos-svjetlost.hr</a> 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.
	March, 2022.
	Quality and Environmental management systems certified in accordance with TÜV NORD Croatia; Certificate No: 44 100 134668 / 44 104 134668

