

Technical Data Sheet

LATEX STRONG

High-quality washable paint for interior walls



product description:	High-quality paint for interior walls, especially wear-resistant, which creates a strong and elastic film. Painted surfaces are washable and can be washed with universal household cleaners and disinfectants for surfaces in healthcare facilities.			
area of application:	It is particularly suitable for the decorative protection of heavily loaded wall surfaces such as kindergartens, schools, hospitals, hotels, homes for the elderly and other public facilities. It is applied on interior wall surfaces made of underlying lime-cement plasters, leveling compounds, fiber-cement boards, plywood boards, structured wallpaper as well as on surfaces with solid old coatings that need to be restored. It is not suitable for use on clean lime substrates and non-absorbent substrates.			
product range:	It is produced in white colour and by using tinting system <i>Top Mix</i> , it is possible to achieve wide range of shades from the Chromos-Svjetlost colour chart and many other on the market. Tinting is possible with the use of pigment preparations <i>Kemoton Strong</i> and <i>Kemoton Plus</i> . It is produced in three variants of gloss levels: Latex Strong Satin/Latex Strong Semi-matte/Latex Strong Matte.			
dilution:	Pure water			
		Latex Strong Satin	Latex Strong Semi-matte	Latex Strong Matte
	first layer	up to 5 %	up to 10 %	up to 15 %
	second layer	up to 5 %	up to 5 %	up to 10 %
	Latex Strong Satin/Semi-matte/Matte in deep tones (usually the first three shades in the <i>Top Mix</i> tone card) apply undiluted or diluted up to 5%.			
	The addition of water to the product depends on the selected shade and the amount of added colorant.			
spreading rate:	6-8 m ² /l in two layers, depending on the absorbency and roughness of the substrate.			
technical characteristics:		Latex Strong Satin	Latex Strong Semi-matte	Latex Strong Matte
	non-volatile-matter content: (EN ISO 3251):	53±2 %	61±2 %	67±2 %
	density kg/l (EN ISO 2811-1):	1.2–1.3	1.30–1.45	1.5–1.6
volatile organic compounds content (VOC):	A(a), 30 g/l; max. 5 g/l (EN ISO 11890-1)			
technical data according to EN 13300:		Largest grain size (granularity) (EN ISO 1524)	Fine <100 µm	
		Wet scrub resistance (EN ISO 11998)	Class 1	
		Opacity (EN ISO 6504-3)	Class 1	
		Gloss (EN ISO 2813)	gloss/semi-matte/matte	
working conditions:	The temperature of the air, material and surface during processing must be higher than +5			

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	<p>°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.</p>
<p>substrate preparation:</p>	<p>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. 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. All loose parts of the substrate and old coatings should be removed. Uneven surfaces, depending on their depth, should be leveled with <i>Premium Glet</i>. New substrates made of lime-cement mortars must be dried for a minimum of 14 days, levelling compounds for a minimum of one day per millimetre of thickness. New substrates should be impregnated with <i>Simpra Universal primer</i> (ratio 1:3). When repainting inhomogeneous substrates and old coatings in intense shades and painting with less covering shades (yellow, orange, red...), it is necessary to first apply Latex Strong Matte white in a shade close to the shade of the final layer of Latex Strong. Rough up well-accepted oil coatings with sandpaper and apply Latex Strong directly without impregnation. Apply Simpra universal primer 1:5 impregnation, an intermediate layer of Latex Strong Matte diluted 15%, and then a double application of the selected Latex Strong product on the substrates made of plaster-based leveling compounds. Apply Latex Strong at least 6 hours after applying the impregnation, depending on weather conditions. For the best results of resistance to washing, level rough surfaces with <i>Premium glet</i>, and plasterboard surfaces should be processed at least in Q3 quality.</p>
<p>material preparation and application:</p>	<p>The substrate must be firm, dry, smooth and clean. Before use, mix the material in the original packaging. If necessary, dilute with water to consistency for application. The product is usable even at higher dilutions, but certain material properties can no longer be achieved (degree of gloss, opacity, degree of whiteness, abrasion resistance, etc.). Latex Strong is applied with paint brush, paint roller (fibre length between 10-12 mm) or airless spray 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). On one surface apply products from the same production batch. Different production batches, as well as products tinted in the Top Mix system, must be cross mixed before use.</p> <p>For use, prepare a quantity of the product that is sufficient to process one surface, store the rest in a well-sealed original packaging. Never store already diluted product! When applying the material by spraying, it is necessary to use protective equipment (goggles, respiratory protection, protective mask). To avoid visible joints, we recommend applying without interruption from one end of the surface to the other. Subsequent repairs are not allowed. Additional paint correction during the application is not allowed (dilution, addition of colorants, etc.).</p> <p>Wash the tool immediately after working.</p> <p>Adhere to the applicable construction standards when applying the products.</p> <p>For any additional info, please contact a Chromos-Svjetlost technical advisor.</p>
<p>coatings drying:</p>	<p>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.</p>
<p>surfaces maintenance:</p>	<p>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,</p>

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	see the material preparation and application).
safety measures:	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.
transport and storage:	Store in a dry and well-ventilated place out of direct sunlight at a temperature of +5 to +25 ° C. Protect it from freezing.
shelf life:	In unopened packaging 18 months.
product/packaging disposal:	Empty the packaging completely and hand over to the recycling yard. Dispose of in accordance with valid regulations to an authorized waste collector.
quality control:	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.
other informations:	Mechanical damage on dark shades causes the appearance of light stripes. The described phenomenon is specific to dark shades and does not affect the quality of the coating. For repainting of large surfaces, please contact the technical sales advisor of Chromos-Svjetlost.
disclaimers:	<p>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.</p> <p>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.</p> <p>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.</p>

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