

Technical data sheet

LATEX STRONG BIO SILICTAE

High-quality silicate interior wall paint



product description:	high-quality silicate matte paint intended for decorative protection of heavily loaded interior wall surfaces. high coverage and neutral smell Painted surfaces are washable and can be washed with universal household cleaners and resistant to cleaning using disinfectants. The dry film of the paint is of extremely high whiteness and coverage. The product does not contain preservatives									
area of application:	All these features make it ideal for decoration of wall surfaces exposed to increased wear and tear, such as those in kindergartens, schools, hospitals, hotels and other public facilities. Used for surfaces made of underlying lime-cement plasters, concrete levelling compounds, fiber-cement, gyps-cardboard boards, plywood plasters, structured wallpaper, as well as for surfaces with solid old coatings that require renewal. It is not suitable for use on clean lime substrates and non-absorbent substrates.									
product range:	It is produced in white, other shades at costumer's request.									
thinning:	Pure water up to 10%									
coverage:	6–8 m ² /l, in two layers, depending on the absorbency and roughness of the substrate.									
volatile organic compounds content:	A(j), 30 g/l, max. 1 g/l (HRN EN ISO 11890-1).									
technical data according to HRN EN 13300:	<table border="1"> <tr> <td>Maximum particle size (HRN EN 21524)</td> <td>Fine < 100 µm</td> </tr> <tr> <td>Wet attrition class (HRN EN ISO 11998)</td> <td>Class 1</td> </tr> <tr> <td>Coverage 1.4 kg/l (HRN EN ISO 6504-3)</td> <td>Class 1</td> </tr> <tr> <td>Degree of gloss (HRN EN ISO 2813)</td> <td>matte</td> </tr> </table>		Maximum particle size (HRN EN 21524)	Fine < 100 µm	Wet attrition class (HRN EN ISO 11998)	Class 1	Coverage 1.4 kg/l (HRN EN ISO 6504-3)	Class 1	Degree of gloss (HRN EN ISO 2813)	matte
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work conditions:	Air, material and substrate temperature must be higher than +5 °C and lower than +30 °C, while the relative air humidity must be lower than 80 %. High temperatures in summer shorten the working time of the paint. Low temperatures as well as high humidity prolong the setting time and can result in uneven colour.									
preparation of the substrate:	The substrate must be completely dry and clean, smooth, without weakly bonded parts and free of dust, greasy stains, mould and other foreign bodies. Before every painting, the substrate must be inspected and its condition established. Substrates infected by mould must be treated with <i>Algenon</i> or <i>Algenon Plus</i> biocidal solution and then cleaned with a rag or brush and a universal cleanser. All weakly bonded parts of the substrate and old coatings must be removed from the healthy part. Uneven surfaces, depending on the size of the depression, should be levelled with dispersive smoothing compound <i>Premium Glet</i> . New lime-cement substrates must dry at least 14 days, while levelling compounds must dry at least									

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	<p>a day per millimetre of thickens. Coat the new substrates with <i>Simpra universal primer</i> (1:3 ratio) or covering impregnation <i>Simpra Haftgrund</i>. Apply the paint at least 6 hours after the application of the primer, depending on weather conditions. For the best results of resistance to washing, level rough surfaces with dispersive smoothing compound Premium glet, and gypsum-boards surfaces should be processed at least in Q3 quality.</p>
<p>preparation and application material:</p>	<p>The substrate must be hard, dry, smooth and clean. Before use, mix the product in the original packaging with a slow-rotating mixer. If necessary, dilute with a of achieve the consistency for application. The product can be used even if further diluted, but certain product characteristics can no longer be achieved (degree of gloss, coverage, degree of whiteness, resistance to wet washing, etc.). It is applied using a painter's brush, short-bristle fur or textile paint roller (bristle length of 10-12 mm) or a spraying device (Airless) in two layers (jet number 319, 419, 519). When using a roller, use a suitable net for squeezing. A second coat is applied only when the previous one is completely dry (approx. 4-6 h). Apply products from the same production batch to the same surface. Different production batches, as well as products mixed through the <i>Top Mix system</i>, need to be equalized before use. When using the product, prepare a sufficient amount of the product to treat one surface, keeping the rest sealed in the original packaging. Do not store already diluted product! When applying the product by spraying, it is necessary to use protective equipment (safety glasses, respiratory protection, protective mask). In order to avoid visible points of connection and traces of the roller or brush, we recommend applying it "wet on wet", without interruption from one extreme end of the surface to the other. Subsequent fixing is not allowed. We recommend that the paint first be applied along the edges of the walls with a brush, and then with a roller while evening out the points of connection. Any modifying of the product during painting is not allowed (thinning, adding colourants, etc.) Immediately after finishing the work, wash the tool with water.</p> <p>When carrying out the work, comply with construction regulations.</p> <p>In case of any questions, contact the sales and technical advisor of Chromos-Svjetlost.</p>
<p>drying of the coating:</p>	<p>Recoat interval 4-6h (20°C and 65% relative humidity). Completely dry: 6- 12 hours (20°C and 65% relative humidity). Depending on weather conditions, the specified period can be longer.</p>
<p>maintenance of interior walls:</p>	<p>Dust the surfaces, and clean less easily adhered soiling by gently rubbing with a wet cloth. Surfaces from which it is not possible to remove dirt or stains should be repainted (new application of paint in two layers, see preparation of the substrate).</p>

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safety measures:	General rules for construction work must be complied with. Keep out of reach of children. Wear protective equipment. Before use, read the Technical and Safety Sheet of the product.
transport and storage:	Store in dry and aired areas away from direct sunlight at temperatures ranging from +5 °C +25 °C. Do not expose the product to direct sunlight, in winter protect from freezing.
shelf life:	1.5 years in unopened packaging.
disposal of leftover product and packaging:	Empty the packaging of its contents completely. Dispose of it at a recycling yard. Legal persons must deliver the packaging as packaging waste to a licenced 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 d.o.o.
other information:	Mechanical damage on dark colours causes the appearance of light stripes. This phenomenon is specific to dark colours and does not affect the quality of the coating.
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. Before using the product, the customer must check the colour of the product, and upon noticing any incompatibility, the customer must stop the application of the product and contact the manufacturer, otherwise a complaint will not be accepted.</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 substrates 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, while the Technical and Safety Sheets are available on request.</p>

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Quality and environmental protection management system certified by TUV Croatia;
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