

## Technical Data Sheet

# SIMPRA GRUNDMIX PRIMER

Covering primer for impregnating interior walls



<b>product description:</b>	Covering primer for impregnating interior wall surfaces. It is used to improve the coverage of poorly covering shades (yellow, orange, red...) of the final coating on dirty walls, non-homogeneous surfaces such as new gypsum-board, internal wall surfaces on which strong shades have been applied, and they want to be repainted in a different shade. The use of Simpra grundmix primer reduces the consumption of the final coating.
<b>area of application:</b>	It is applied on surfaces made of underlying lime-cement plasters, concrete (minimum one month old), leveling compounds, fiber-cement and gypsum-boards, chipboard boards, structured wallpaper, as well as for surfaces with solid old coatings that require renew.
<b>product range:</b>	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.
<b>dilution:</b>	Pure water, max. 5 %.
<b>coverage:</b>	0.12 – 0.14 m <sup>2</sup> /l, depending on the absorbency and roughness of the surface. The exact consumption can be determined by making a test area on the surface.
<b>non-volatile-matter content:</b>	65±2 % (EN ISO 3251)
<b>density:</b>	1.5–1.6 kg/l (EN ISO 2811-1)
<b>volatile organic compounds content (VOC):</b>	A(g), 30 g/l; max. 10 g/l (EN ISO 11890-1)
<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>surface preparation:</b>	The surface must be completely dry, smooth, clean, free of loose parts, dust, grease stains, mold and other foreign bodies. Before each painting, the surface must be inspected and its condition determined. All loose parts of the surface and old coatings should be removed. The resulting unevenness, depending on their depth, fill with suitable plasters or leveling compounds. New surfaces 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, and new concrete surfaces for a minimum of one month. Treat mould infected surfaces with biocide solution <i>Algenon</i> or <i>Algenon Plus</i> , then clean with a cloth or a brush using solution of universal cleaners. For rooms with higher concentrations of moisture use the biocide product <i>Algenon IN PROTECT</i> which is added to the paint. 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> .
<b>material preparation and application:</b>	Simpra grundmix primer must be tinted to a shade close to the shade of the topcoat. Before use, mix the material in the original packaging with a slow rotating mixer. Dilute up to 5% with clean water to a consistency suitable 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.). Simpra grundmix primer is applied with paint brush, paint roller (fibre length between 18–20 mm) or airless spray in one layer. When applying the material by spraying, it is necessary to use protective equipment (goggles, respiratory protection, protective mask). When using a roller use a suitable paint roller net.  Different production batches must be cross mixed before use, then prepare the amount of product that is sufficient to treat one surface, and store the rest in well-closed original

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	<p>packaging. Never store already diluted product! To avoid visible joints and traces of a roller or brush, we recommend applying wet on wet, without interruption from one edge of the surface to the other. Subsequent repairs are not allowed. We recommend first applying the paint along the edges of the walls with a brush, then applying the paint with a roller while leveling the joint. 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>
<b>drying time:</b>	6-12 h (T = +20 °C, relative humidity = 65 %). Low temperatures as well as high air humidity prolong the drying time and can change the shade unevenly.
<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 and hand over to the recycling yard. 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>	<p>Technical values refer to basic products. Tinting the product may cause minor deviations in certain technical characteristics. Depending on the properties of the surface 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 surfaces 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.</p>
	<p>August, 2021.</p> <p>Quality and Environmental management systems certified in accordance with TÜV NORD Croatia; Certificate No: 44 100 134668 / 44 104 134668</p>

