

## Technical Data Sheet

# SIMPRA UNIVERSAL PRIMER

*Universal impregnation for all types of substrates*



<b>product description:</b>	Universal dispersive impregnation based on aqueous emulsion of polymeric binders. It penetrates deep into the substrate and binds poorly bound particles. It helps to consolidate and even out the absorbency of the substrate and improves the adhesion of dispersive paints and leveling compounds for interior, exterior walls and concrete.
<b>area of application:</b>	Used as a primer for all types of mineral substrates before painting with interior paints and facade surfaces, before smoothing interior wall surfaces or applying most construction mortar.
<b>coating appearance:</b>	Colourless.
<b>dilution:</b>	Pure water, in ratio 1:1–1:7 (1:2 = Simpra universal primer:water).
<b>spreading rate:</b>	0.05 l/m <sup>2</sup> based on dilution 1:3 in one layer, depending on the absorbency and roughness of the substrate. Accurate consumption can be determined by measuring consumption of large test surface area.
<b>density:</b>	1.0–1.1 kg/l (EN ISO 2811-1)
<b>non-volatile-matter content:</b>	15±1 % (EN ISO 3251)
<b>volatile organic compounds content (VOC):</b>	A(h), 30 g/l, max. 6 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. Do not apply the material on sunny surfaces, in windy, rainy and foggy weather (be sure to place a protective screen against the sun or rain on the scaffolding).
<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. 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, and new concrete substrates for a minimum of one month. 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> .
<b>material preparation and application:</b>	Before use, mix the material in the original packaging with a slow rotating mixer and dilute with clean water according to the type of substrate. For impregnation of internal and external lime-cement plasters, leveling and smoothing compounds and gypsum boards before the first painting, use a dilution of 1: 3–1: 7. Use 1:1 to 1:2 dilution to impregnate highly absorbent substrates such as Siporex and old dilapidated plasters such as plaster sprayed texture (hirofe). Primer is applied with paint brush, paint roller (fibre length between 18-20 mm) in one layer. When using a roller use a suitable paint roller net. 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! The material should be rubbed evenly into the substrate to avoid the appearance of leaks and occasional oversaturation. It is necessarily to protect windows,

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	<p>door frames, glass and window sills. Wash the tool immediately after working. Adhere to the applicable construction standards when applying the products. For any additional info, please contact a Chromos-Svjetlost technical advisor.</p>
<b>coatings drying:</b>	4–6 h (20 °C and relative humidity 65 %), with mandatory rain protection after installation. Depending on the weather conditions, this period may be extended.
<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 +30 °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>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 <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> 