

**ZERTIFIKAT LATEX SATIN PAINT**  
**V8120/ SF V8120/2022**

**TEHNIICAL DATA SHEET**

**Product description:**

<b>Description:</b>	<b>Zertifikat Latex Satin V8120</b> is a high quality, dispersion based, satin, semi-gloss, washable paint, intended for premium finishes and coating of highly demanding interior surfaces: commercial spaces, schools, children's rooms, playgrounds, corridors, staircases. Zertifikat Latex Satin V8120 is recommended for the renewal or painting of rough, embossed or printed wallpapers and fiberglass wallpapers.
<b>Use:</b>	<b>Zertifikat Latex Satin V8120</b> can be applied indoors on all types of masonry, painting, plaster, concrete, mineral surfaces including ACC, gypsum board, plasterboard. <b>V8120</b> can be used with excellent results in renewals, in sensitive rooms at home or workplaces, for interior painting of highly stressed walls and ceilings. It is ideal for decorating and protecting walls in: hospitals, clinics and medical practices, maternity wards, schools, kindergartens, restaurants, etc.
<b>Main characteristic elements:</b>	<ul style="list-style-type: none"> <li>• uniform satin film, semi-glossy</li> <li>• highly effective coating</li> <li>• low-emission, solvent-free, emollient-free</li> <li>• easy to apply</li> <li>• washable product</li> <li>• high diffusion capacity, allows the wall to breathe</li> <li>• excellent adhesion to the substrate</li> </ul>
<b>Assortments:</b>	<b>V8120</b> - Zertifikat Satin Latex
<b>Compatibility</b>	V8120 product should not be mixed with products other than those recommended by the manufacturer.
<b>Shelf life in packaging:</b>	<ul style="list-style-type: none"> <li>• <b>48 months</b> from the date of manufacture, subject to compliance with packaging and storage provisions.</li> </ul>
<b>Packaging:</b>	<ul style="list-style-type: none"> <li>• <b>V8120</b> is packed in 3L, 8.5L and 15L capacity PVC containers.</li> </ul>
<b>Storage:</b>	In closed, dry, covered, ventilated spaces, protected against weather and solar radiation, away from fire sources, at temperatures between 5 - 25°C.
<b>Shipping:</b>	The products are shipped by covered means of transport according to the regulations in force.

**TECHNICAL QUALITY CHARACTERISTICS**

Table no.1

Item No.	Characteristic name	MU	Characteristic value	Method of analysis
			V8120	
<b>a) Liquid product characteristics</b>				
1	Appearance	-	viscous, thixotropic suspension	visual
2	Colour	-	white	visual
3	Non-volatile substance content, 0.5g/ 50cm <sup>2</sup> , 105 °C, 10 minutes	%	52 ± 2	SR EN ISO 3251:2019

**Product technical data:**

4	Stormer viscosity, 25 °C	UK	110-125	ASTM D 562-10 (2018)
5	Density, 23 °C	g/cm <sup>3</sup>	1.30 ± 0.03	SR EN ISO 2811-1:2016
6	pH	-	8.0 - 8.5	Internal method
<b>b) Film characteristics</b>				
1	Appearance	-	satın, semi-glossy	visual
2	Degree of white, Wi (slot applicator 200µm), min.	%	85	ISO 18314-3
3	Contrast ratio, CR, slot applicator 200µm, min.	%	97	SR EN ISO 6504-3:2020
4	Gloss, -60° -85°	GU	5 – 55 ≥ 10	SR EN ISO 2813:2015

**Application details:**

V8120 is applied undiluted, as such.

**Method of application:**

- brushing
- rolling
- airless spraying

**Re-coating:**

- min. 2 hours

**Specific consumption:**

- up to 16 m<sup>2</sup>/l/coating, depending on the roughness and degree of absorption of the applied surface.

Consumption depends on application conditions (surface geometry, application method, environmental conditions, nature and preparation of surface).

**Drying time:**

Drying times depend on temperature and film thickness and are prolonged by decreasing temperature and increasing film thickness. Poor air circulation, excessive humidity and low oxygen content negatively influence the drying process and lead to deterioration of film characteristics.

## Application instructions

**Surface preparation:**

The application of the product on the surface should be done only after proper preparation, as this step has a determining influence on the quality of the coating and its durability.

**Product preparation:**

Before opening the package, remove any traces of water, oil, grease or other mechanical impurities to prevent contamination of the product. Condition the product at 15-30 °C. Remove any peels formed on the surface of the product. The content should be mixed manually or mechanically to homogenize.

**New surfaces:**

- smooth by rubbing with pumice stone, sandstone, well-fired brick or with a piece of pine wood, in circular movements and keeping permanent contact with the surface of the plaster; for large areas, use electric sanding machines
- existing cracks are opened with a knife and repaired with cement grout, gypsum or other fillers and levelling materials; for cracks with depths of max. 2mm, use STUC C4000 masonry putty; at greater thicknesses, apply several successive coats of putty, with intermediate sanding and dedusting
- plasters that are found to be unsuitable by hammering are removed completely, up to the masonry; if the area is small, it is repaired with quick setting cement paste; on large areas, grout of the same type as the existing plaster is used
- the plaster coat is executed with gypsum paste or STUC C4000 masonry repair putty, as the latter is particularly fine and white, with fast drying and very good sanding capacity after complete drying; the dust resulting from sanding the surfaces is removed with brushes/brooms or blown with compressed air

<b><u>Surfaces that have been coated before:</u></b>	<ul style="list-style-type: none"> <li>• larger sand particles, visible on the plaster surface, should be removed as they will detach over time together with the finish, by touching</li> <li>• during the entire period of replaster or repair, the substrate temperature should be at least 5 °C</li> <li>• allow the newly applied plaster to dry completely for at least 24 hours before applying the finish coat</li> </ul>
<b><u>Priming surfaces before application:</u></b>	<ul style="list-style-type: none"> <li>• check the condition of the plaster by hammering; on portions that come off, replaster and repair the damaged edges; old, non-adherent paints are completely removed by scraping with a steel putty knife, burning with a petrol lamp or using special chemical solutions</li> <li>• possible repairs should be done with cement paste, gypsum paste or suitable sealing materials; then remove the dust resulting from sanding</li> <li>• the purpose of this stage is to impregnate the substrate and anchor the existing paint coat on the wall, if it is sufficiently resistant and has not been removed; priming provides uniform absorption on the substrate, so that the last coat of finish appears perfectly homogeneous and stain-free</li> <li>• the aim is to increase the adhesion between the applied product and the surface</li> <li>• priming is mandatory and consists of applying at least one coat of G8101 masonry primer diluted 1:5 with clean cold water (15-25 °C); for excellent results it is recommended to apply a coat of G8105 Putzgrund Weiss white primer diluted maximum 10% with clean, cold water (15-25 °C);</li> <li>• priming is done only after the clean, repaired or plastered surfaces have dried completely</li> <li>• newly plastered and repaired areas should be given additional priming due to the higher degree of absorption; once the primed surface has dried, you can apply the product</li> </ul>
<b><u>Application conditions:</u></b>	<ul style="list-style-type: none"> <li>• environment and surface temperature: 15-30 °C</li> <li>• relative humidity: max. 70%</li> <li>• it is recommended to ventilate the workspace</li> </ul>
<b><u>Remarks:</u></b>	<p><b>Failure to comply with these conditions may lead to defects or total damage to the protection. Application with unsuitable tools may result in inappropriate appearances and thicknesses compared to those specified in this technical data sheet.</b></p>
<b><u>Application instructions:</u></b>	<p>After conditioning at 15-30 °C and homogenization, V8120 is applied on the properly prepared surface by brushing, rolling or airless spraying:</p> <ul style="list-style-type: none"> <li>• brushing or rolling: use a short-haired roller; once the first coat is completely dry (minimum 60 minutes), apply a second coat if necessary</li> <li>• airless spraying: apply 1-2 coats of undiluted product</li> </ul> <p>Do not use below + 5 °C. Wash the application tools with water immediately after use.</p>
<b><u>Security Data:</u></b>	See the product safety data sheet.
<b><u>Occupational safety:</u></b>	<p>All handling, shipping, storage and use operations must be carried out in full compliance with fire prevention, occupational health and safety and hygiene regulations.</p> <p>As a water-thinnable product, it does not pose particular occupational safety problems. Avoid contact with skin, eyes and mucous membranes. In case of skin contact rinse with warm water and soap. In case of eye contact, rinse thoroughly with water and then see a specialist.</p>
<b><u>Note:</u></b>	<p>All these data are of a general nature regarding the performance and use of the product, therefore we recommend testing the product under the conditions of the beneficiary's own application technology.</p> <p>For further clarification, please contact the manufacturer.</p>