

SELVA

polymer-silicone facade paint

Sempre®

PROPERTIES

- resistance to atmospheric agents
- wide range of colours
- high performance

APPLICATION

Water-based polymer-silicone paint for both first and renovation paint coats. Resistant to atmospheric conditions. Forms a homogeneous, well covering, water-repellent, smooth coat with very good adhesion to most common building substrates, including concrete. Available in a range of colours corresponding to the IMPRESSIO colour palette or tinted based on a supplied design.

TECHNICAL DATA

Group of products	Products for exterior
Contains	Acrylic dispersion, silicone emulsion, titanium dioxide, calcium carbonate, water, preservatives, additives.
Colors	White, colors according to IMPRESSIO pattern, or to the supplied formula.
Coating appearance	Matt
Consumption	Ca. 0,11 l/m ² for single painting, depending on the absorbency of the substrate *

Parameters	Parameter	Standard	Value	Unit
	Density	EN ISO 2811-1:2023	1,45 – 1,55	g/cm ³
	Non-volatile content	EN ISO 3251:2019	60 - 70	%
	Gloss	EN 1062-1:2004	G ₃	mat
	Coating thickness	EN 1062-1:2004	E ₃ (>100 i ≤ 200)	µm
	Water vapor transmission rate V	EN 1062-1:2004	V ₂ (>15 i ≤ 150)	g/(m ² d)
	Diffusive resistance S _d , (equivalent air layer thickness)	EN 1062-1:2004	≥ 0,1 i < 1,4	m
	Coefficient of liquid –water transmittion W	EN 1062-1:2004	W ₂ (> 0,1 i ≤ 0,5)	kg/(m ² h ^{0,5})
	VOC content limit according to Directive 2004/42/EC for this product: Cat. A/c/WB limit value 40 g/l. This product contains max 40,0 g/l.			

The values stated are average values obtained during testing. Due to the use of natural resources actual values may differ slightly from those listed in the table.

* Consumption is dependent on substrate and application technique. The stated value is an estimate.

USE INSTRUCTION**Substrates**

Typical construction substrate should be clean, firm, sound, even and free of grease. Loose grain, impurities and poorly connected coating of old emulsion paint must be carefully removed. Any irregularities and defects should be adequately supplemented with mortar (e.g. Budomont ZT-620 or ZS-640). Surfaces infected with fungus and algae be disinfected with agents to remove algae and fungi. In the case of new cement plaster, there should be a min. a three-week seasoning time.

Priming

Before application new, cement substrates and normal absorbent substrates, should be primed with ETERNA GRUNT F. Substrates with increased absorbency should be primed twice by the "wet on wet" method.

Application methods

Apply twice with the roller, brush or by means of spray painting (including the AIRLESS method, application parameters provided in the table). After opening the product, please check whether the lid does not contain any dry paint residues which are created due to the improper storage of the product. Its inclusions in the product may negatively influence the appearance of the new coating. In the case of the necessity to use materials originating from different production lots on one architectural element, these materials should be mixed. In order to avoid color differences, it is necessary to carry out separate architectural elements in one working cycle. It is recommended to perform the works in the temperature range from +5 to +30°C. Do not apply on sunny surfaces and during rain and strong wind. During repainting of plaster coatings in building thermal insulation systems based on EPS, do not use dark colors, because in summer time the southern walls become excessively warm which decreases the system durability. In such cases, the manufacturer recommends the selection of colors, for which the brightness ration Y (this value is provided under each color in the SEMPRE color guide) is larger than 20%. Colors with smaller Y ratio should be used only within a small scope, e.g. to highlight small elements of building walls. Do not use on sunny surfaces and rainy weather as well as strong winds.

Manufacturer	Equipment	Nozzle	Pressure [bar]	Filter [mesh]	Dilution [%]	Performance [l/min]
WAGNER	ProSpray 3.21	0552-519	200	60	10	1,25
TITAN	Titan 450e	661-517	200	60	10	1,25
GRACO	UltrMax II795	PAA621	170	60	5	1,8

Dilution

Product ready to use. If necessary, add up to 5% of water. Excessive paint dilution may decrease covering power which causes discolouration and lower weathering resistance.

Drying

Coating drying time is approximately 12 hours in the temperature of +20°C and the relative humidity of the air of 55%. Low temperatures and increased humidity extend drying time.

Cleaning tools

Water – directly after use.

PACKING

5 L; 10 L

STORAGE

Store the product in original, unopened container, in a cool, but frost-free place. The product is not suitable for use after freezing. Expiry date is located on the lid of the container.

ADDITIONAL INFORMATION

Do not use dark colors when painting plasterboards in polystyrene-based building warming systems, as the over-heating of the southern walls over the summer causes lower system durability. In such situations, the manufacturer recommends choosing colors for which the Y brightness factor (this value is given under each color in the SEMPRE color guide) is greater than 20. Colors with lower Y-values should only be used in a negligible range, for example to emphasize small elements on the façade.

SAFETY AND HYGIENE OF WORK/ FIRE PROTECTION

Keep out of reach of children. The product is not flammable. Under current law it is not classified as hazardous. During operation, keep the basic safety rules. In the case of contact with eyes, rinse with plenty of water and seek medical advice. Use for intended purposes.

The manufacturer guarantees the product quality, but shall not be liable in terms of its use. The information herein provided is based on the manufacturer's knowledge resulting from many years of observations. This information cannot however replace professional know-how of the contractor and does not exempt the contractor from complying with the rules of the building art and the safety and hygiene at work, thus do not constitute any legal grounds for the settlement of disputes in court. For further questions or doubts, please contact the manufacturer.