

POLYMER- SILICONE FACADE PAINT

The logo for 'Sempre' is written in a bold, red, italicized sans-serif font. A registered trademark symbol (®) is located at the top right of the 'e'.

PROPERTIES

- **high covering power**
- **high efficiency**
- **very good adhesion to absorbent mineral building substrates**
- **resistant to weather conditions**
- **available in 4 colors**

APPLICATION

POLYMER-SILICONE EXTERIOR PAINT is designed for both initial and renovation paintwork on building exteriors. It is characterized by weather resistance and creates a uniform, smooth, and well-covering coating with excellent adhesion to most common building substrates. Available in the following colors: WHITE, LIGHT GREY, DARK GREY and BLACK..

TECHNICAL DATA

Group of products	Products for exterior
Contains	Acrylic dispersion, silicone emulsion, titanium dioxide, calcium carbonate, water, preservatives, additives.
Colors	White, light gray, dark gray, graphite
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	55 - 65	%
	Gloss	EN 1062-1:2004	G ₃ (≤10)	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
	Water permeability 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 dry, 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 using a roller, brush, or spray (including AIRLESS; application parameters are in the table). After opening the package, check for any dried paint residue on the lid resulting from improper storage. Their presence in the product may adversely affect the appearance of the resulting coating.

The product contains natural ingredients, therefore, slight differences in shade between production batches may occur. Therefore, material from the same production batch should be used on a single surface constituting a separate architectural element.

If product from different batches must be used, it is recommended to thoroughly mix the material before starting work to achieve a uniform color. It is also important to remember that the final color effect depends on the structure and properties of the substrate.

To avoid color differences, work should be carried out in a single batch covering the entire architectural element. The recommended application temperature is +5° C to +30° C. Do not apply the product to surfaces exposed to direct sunlight, rain, or strong winds. It is recommended to use protective mesh on facades during application and drying to protect the surface from adverse weather conditions

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

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

POLYMER-SILICONE EXTERIOR PAINT should not be used on horizontal or slightly inclined surfaces exposed to prolonged moisture, standing water, or snow. It is also not suitable for use on substrates unprotected against capillary water uptake, on surfaces with salt efflorescence, or on plastic elements. The product should also not be applied to substrates coated with varnish, oil, oil-based paints, adhesive paints, or lime paints. When painting plasters in Styrofoam-based building insulation systems, DARK GRAY and GRAPHITE paints should not be used, as southern walls become excessively heated in summer, reducing the system's durability. In such situations, the manufacturer recommends choosing colors with a Y-value (white, light gray, dark gray) greater than 20%. Colours with lower Y coefficient values should be used only to a small extent, for making

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decorative elements, e.g. to highlight small elements on the facade constituting no more than 10% of the painted surface.

SAFETY AND HYGENE 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.