

ONDA

polymer-silicone paint
for interior and exterior use

Sempre®

PROPERTIES:

- multi-purpose for interior and exterior use
- high covering power and whiteness
- resistance to washing and scrubbing
- easy application
- resistance to weather conditions
- low water absorption
- high efficiency

APPLICATION

Water-soluble polymer-silicone paint, designed for both initial and renovation decorative and protective coatings on typical mineral building substrates: concrete, lime, lime-cement plasters, plasters based on synthetic resins, gypsum plasters, gypsum boards, paper and glass fiber wallpapers, etc., as well as on surfaces covered with paint coatings. It is perfect for decorating garden architecture elements, such as: concrete fences, plinths, foundations, walls, etc. The appropriately selected composition of the recipe guarantees a number of properties that meet the requirements for both interior and exterior paints. It protects both substrates exposed to atmospheric conditions and walls in rooms intended for permanent residence of people. It will also work well in unheated rooms such as garages, basements, corridors, halls. It creates a uniform, well-covering, waterproof, smooth and matt coating with high resistance to atmospheric factors. Available in a range of colours corresponding to the IMPRESSIO, MASSIMO, TUSCANY COLOURS, ALASKA COLOURS and SCANDINAVIA COLOURS colour palettes or dyed based on the provided pattern.

TECHNICAL DATA

Group of products	Products for interior and exterior
Contains	acrylic dispersion, titanic dioxide, calcium carbonate, water, preservatives, additives.
Colors	White and in colour in accordance with the IMPRESSIO, TOSKANIA COLOURS, COLORS OF ALASKA, COLORS OF SCANDINAVIA and according to the design provided.
Coating appearance	Matt
Consumption	ca. 0,09-0,13 l/m ² for single painting, depending on the absorbency of the substrate *

PARAMETERS	Parameter	Norm	Value	Unit
	Density	EN ISO 2811-1:2023	1,45–1,55	g/cm ³
	Appearance of the coating / specular gloss	EN 13300:2022 EN 1062-:2004	Mat/ G ₃ (5<x<10) Mat/ G ₃ (≤10)	---
	Largest grain size (granularity)	EN 13300:2022 EN 1062-:2004	S ₁ (fine, ≤100) S ₁ (fine, <100)	μm
	Coating thickness	EN 1062-1: 2004	E ₃ (>100 i ≤ 200)	μm
	Wet scrub resistance (at 200 scrubs)	EN 13300:2022	Class R1 (≤5)	μm
	Hiding power	EN 13300:2022	H10 Class 1	-
	Water vapor transmission rate V/ Diffusion resistance S _d (equivalent air layer thickness)	EN 1062-1: 2004	V ₂ (≤ 150 > 15) S _d ≥ 0,14 <1,4	g/(m ² · d) m
	Liquid water permeability W	EN 1062-1: 2004	W ₂	-
	Number of layers	----	2	--

Coating drying time	---	12	h
Applying the second layer	---	After min. 12	h
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 30 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	The substrate should be dry, clean, sound, compact, even, and degreased. Loose grains and contaminants, as well as poorly bonded coatings of old emulsion paints, should be thoroughly removed, and the substrate should be washed with water. Any irregularities and gaps should be filled with appropriate leveling mortars (exterior: BUDOMONT ZT-620, BUDOMONT ZS-640, interior: ACRYL SPACHTEL). Surfaces infected with fungi and algae should be disinfected with ALGHESIL algae and fungi remover. For new cement plasters, a minimum three-week curing period should be observed.						
	<u>Interior use:</u> Before applying the paint, prime the surface with SEMPRE GRUNT W or LATEX GRUNT, LATEX GRUNT PREMIUM interior latex primer. <u>Exterior use:</u> Before applying the paint, prime the surface with ETERNA GRUNT F or LATEX GRUNT UNIVERSAL. Highly absorbent surfaces should be primed twice using the wet-on-wet method.						
Priming							
Application	Apply twice using a roller, brush or spray (including the airless method, application parameters in the table). After opening the package, check whether there are any dried paint residues on the cover resulting from improper storage. Their presence in the product may adversely affect the appearance of the created coating. If it is necessary to use materials from different production batches on one architectural element, they should be mixed, e.g. in a container that can hold several buckets of paint. In order to avoid color differences, it is necessary to make separate architectural elements in one work cycle. It is recommended to work at a temperature of 5 to 30°C.						
	Manufacturer	Equipment	Nozzle	Pressure [bar]	Filter [mesh]	Dilution [%]	Performance [l/min]
	WAGNER	ProSpray 3.21	0552-519	200	60	5	1,25
	TITAN	Titan 450e	661-517	200	60	10	1,25
	GRACO	StMax 395	PAA517	180	60	10	1,25
Dilution	The product is ready for use. If necessary, dilute with water in the amount of maximum 5%. Too much dilution can affect the durability of cover, which results in the appearance of discoloration.						
Drying	At 20°C and a relative air humidity of 55% the drying time of the coating is approx. 2 hours. Low temperatures and increased humidity extend the drying time.						
Cleaning tools	Water – directly after use.						

PACKING

2,5 l, 5 L, 10 L (white); 2,25 L, 4,5 L, 9 L (colour bases)

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.

SAFETY AND HYGENE OF WORK/ FIRE PROTECTION

Keep reach out of the children. Non-flammable product. It is not classified as hazardous under applicable law. During working with the product, please comply with the basic safety and hygiene rules. In the event of contact with eyes, rinse with plenty of water and then seek medical advice. Use as intended. During and after painting, ventilate the room until the characteristic odor disappears.

The VOC content limit according to Directive 2004/42/EC for this product: Cat.A/c/WB, permissible value: 40g/l. The product contains max 30g/l.

EUH 208: Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one [EC 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1) May cause an allergic reaction. Contains a biocidal product: reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one [EC 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1), (Ethylenedioxy)dimethanol [EC 222-720-6].

ADDITIONAL INFORMATION

When repainting plasters in polystyrene-based building insulation systems, dark colours should not be used, because in the summer, excessive heating of southern walls occurs, which reduces the durability of the system. In such situations, the manufacturer recommends choosing colours for which the Y lightness factor (this value is given under each colour in the SEMPRE colour chart) is greater than 20%. Colours with lower Y values should only be used as a decorative element, constituting at most 10% of the surface constituting a separate architectural whole.

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.