

PROGRESIL

silicone-silicate facade paint

PROPERTIES

- high hiding power
- resistance to weather conditions
- slower soiling
- high hydrophobicity
- good adhesion to both mineral substrates and substrates with acrylic coatings
- good water vapor permeability
- creates a structural coating
- resistant to algal and fungal growth

APPLICATION

A water-soluble silicone-silicate paint intended for both first coating and renovation coatings. Resistant to weather conditions. Contains algaecides and fungicides. For use on typical building substrates, also for walls covered with paints based on acrylic resins. Especially recommended for buildings covered by supervision of monument conservators and wherever high levels of water repellency and high water vapor permeability are required. Available in a range of colors corresponding to the IMPRESSIO and MASSIMO color palettes or colored according to the provided model. Before applying the paint, prime the substrate with ETERNA GRUNT F primer.

TECHNICAL SPECIFICATIONS

Product Group	Facade paints			
Core Components	Binder, titanium white, calcium carbonate, water, performance modifiers, preservatives			
Color	White and in color according to the IMPRESSIO, MASSIMO color charts as well as according to the provided model.			
Coating	matt			
Yield	Approx. 0,17 l/m ² for one coating*			
Parameters	Parameter	Standard	Value	Unit
	Density	PN-EN ISO 2811-1:2016-04	1.45–1.55	g/cm ³
	Non-volatile-matter content	PN-EN ISO 3251:2008	55–65	%
	Water-vapour transmission rate V	PN-EN ISO 7783:2018-11	362	g/(m ² d)
	Equivalent air layer thickness s _d	PN-EN ISO 7783:2018-11	0.058	m
	Water permeability coefficient W	PN-EN 1062-3:2008	0.05	kg/(m ² h ^{0.5})
	Coating thickness	PN-EN 1062-1:2005	~ 150	µm
	Coating resistance to wet scrubbing	PN-C-81913:1998	≥ 2000	strokes
	Hiding power quality	PN-C-81913:1998	class I	----
	VOC content limit: cat. (A/c/FW), 40 g/l permissible limit. The product contains 0,3 g/l.			

The specified parameters are average values obtained during the tests. Due to the use of natural raw materials, actual values may slightly differ from those provided in the table.

* Yield depends on the substrate and application technique. The value provided is indicative.

HOW TO USE:**Substrate**

The substrate should be clean, structurally sound, compact, even and degreased. Loose dust and contamination as well as poorly bonded coatings of old emulsion paints should be carefully removed. Fill any unevenness and damages with appropriate leveling mortars (BUDOMONT ZT-620, BUDOMONT ZS-640). Surfaces infected with fungi and algae must be disinfected using ALGHESIL algae and fungus remover. New cement plasters must be allowed at least two weeks to cure.

Priming

Before applying the paint, prime the substrate with ETERNA GRUNT F primer. The substrates with increased absorbency should be primed twice using "wet on wet" method.

Application

Apply twice with a roller, brush or by spraying (including AIRLESS method, see application parameters in the table). After opening the packaging, make sure there is no dried paint residue on the cover that would indicate improper storage. Its presence in the product may adversely affect the appearance of the final coating. If use of materials from different production batches on one architectural element is necessary, they should be mixed, e.g. in a container that can contain several buckets of paint. In order to avoid color differences, it is necessary to paint separate architectural elements within one work cycle. It is recommended to work at a temperatures of 5 to 30°C.

Manufacturer	Device	Nozzle	Pressure [bar]	Filter [mesh]	Dilution [%]	Delivery [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

The product is ready for use. If necessary, dilute with water in an amount not exceeding 10%. Too much dilution can cause a decreased hiding power, resulting in the appearance of discoloration.

Drying

At a temperature of 20°C and a relative humidity of 55%, the coating drying time is approx. 12 hours. Low temperature and high humidity extend the drying time.

Tools cleaning

With water, immediately after use.

PACKAGING

5 and 10 liters

STORAGE

Store in a cool, but frost-free room, in the original, closed packaging. The product is unusable after freezing. The expiry date can be found on the lid of the packaging.

ADDITIONAL INFORMATION

When painting plasters coatings in foamed polystyrene-based building insulation systems, do not use dark colors, because in the summer the southern walls are excessively heated, which reduces the durability of the system. In such situations, the manufacturer recommends choosing colors with the brightness factor Y greater than 20% (the value is specified under each color in the SEMPRE color chart). Colors with lower Y values should only be used as a decorative element, representing maximum 10% of the surface constituting a separate architectural feature.

HEALTH AND SAFETY/FIRE PROTECTION

Keep away from children. The product is non-flammable. In the light of the applicable regulations the product is not classified as hazardous. Observe the basic health and safety principles during work. In the event of eye contact, rinse with plenty of water and seek medical advice. Use as intended. The product contains a mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No. 220-239-6] (3: 1), 4,5-dichloro-2-acetyl-2H-isothiazol-3-one [EC No. 264-843-8]. May cause an allergic reaction.

The manufacturer guarantees the quality of the product, but has no impact on the way it is applied. The information provided herein is based on the manufacturer's knowledge resulting from many years of observation of practical applications. These, however, do not replace the professional training of the user, nor release the user from compliance with good construction practices and OHS regulations, hence they do not constitute grounds for settling disputes in court. If you have questions or concerns, please contact the manufacturer.