



Smaltoplast Silicone

**Silicone 100% Acrylic Ecological
Paint**



Covering Power: 11-13 m²/lt



Drying: 1 hour



Dilution: 8-15% on water



Recoatability: 4 - 6 or 6 - 8
hours for dark shades



Packing: 3lt, 10lt

Application: Brush, Roller

GENERAL CHARACTERISTICS

SMALTOPLAST SILICONE is ecological premium quality acrylic emulsion paint for exterior use based on both silicone and 100% acrylic resins. It can be used to paint new or old painted walls and concrete surfaces. Its important advantage over normal acrylic paints is the combination of very low water absorption and high-water vapor permeability. Thus, there is higher protection against blistering, flaking and in the same time the thermal insulation of the substrate is reinforced! Low odor. Easy to apply with very good leveling and hiding power. The excellent adhesion and weather resistance guarantee the higher protection of the exterior facades. The eco system Smaltoplast Universal Primer and SMALTOPLAST SILICONE creates a strong barrier against atmospheric pollution and protects the masonry and concrete substrates from carbonization. Due to its synthesis protects the film from growth of fungi and algae especially in wet conditions. SMALTOPLAST SILICONE is ideal for exterior surfaces under contrary weather conditions. It is highly recommended for the renovation of historical and traditional buildings.

TECHNICAL CHARACTERISTICS

Texture	Mat velvet with sheen up to 10-16 units at 85°.
Specific weight	1,25 - 1,50kg/lt, depending on the shade.
Dilution	8 - 15% on volume with water.
Recoatability	Recoatable in 4-6 hours. Dark shades come back after 8-10 hours. The paint gains its full strength after 15 - 20 days.
VOC class	"Exterior wall coatings of mineral substrate". Type WB. VOC limit = 40gr/lt. Max VOC of product ready for use = 20gr/lt. VOC: organic volatile compounds with boiling point < 250°C.
Adhesion	Paint adhesion > 4.63MPa (ISO 4624)
Water Vapor permeability & absorption	This product is «breathing» and «non permeable» by water according to EN DIN 1062-2 EN and DIN 1062-3.
QUV weather endurance	No cracking, flaking, blistering or chalking (ISO 16474-3, ISO 4628)
Antifungal Properties	The product has excellent resistant against fungi and algae, according to EN15457.
Shades	White and several pastel shades via VECHRO Tinting system. Avoid to use other colorants!



SURFACE PREPARATION

Clean the surface of dust, oil, cropped paints and dampness. Sandpaper well. New surfaces shall be primed with Smaltoplast Universal Primer, diluted with water up to 100%. Very dirty surfaces (damp, nicotine, ink, fungi, graffiti, oil spots etc.) should be primed with special primer SMALTOX hydro.

APPLICATION

Stir well before use. Apply two coats of SMALTOPLAST SILICONE. Minimization of paint wastage: for a surface of 10 m², 1,6lt of paint is needed for two coats.

Advice! For dark shades, in order to minimize the number of coats, we propose to apply as first coat Smaltox hydro or Smaltoplast Silicone in grey S1502-Y for yellow shades, S1502-R for red shades or a lighter shade of the same hue which is produced from a base with better opacity.

CLEANING EQUIPMENT

While working keep your equipment wet, either in the pot, or in the paint lauder. Strain well your tools from paint back to the pot and clean immediately with thinner, water and soap.

APPLICATION CONDITIONS

Temperature 8-30 °C and relative humidity lower than 80%. Contrary weather conditions may degrade paint's quality.

STORAGE

Store in a cool place, protect from freezing and sun exposure. Close the can well after application to keep in good condition. Recover unused paint for re-use. Reuse of paint can effectively minimize the product's life cycle environmental impact.

LABELLING

Contains biocidal products [ZnPy (13463-41-7), TERBUTRYN (886-50-0) & OIT (26530-20-1)] for the preservation of the dry film. Do not dispose near surface water during or after use. Contains 2-octyl-2H-isothiazol-3-one and CIT/MIT. May produce an allergic reaction". **This product has been awarded with the Eco-label, eco criteria 312/2014/EE product category "indoor & outdoor paints and varnishes".**

SAFETY

Read the tag on the back side of the product. Keep out of the reach of children.

The technical data and instructions included in this technical leaflet are based on audits of confidential laboratories and result of the knowledge and experience of the company's scientific staff. The quality of the product is guaranteed by the company, which is aligned with the requirements of ISO 9001, 14001 and EMAS. As a producer, we are not responsible for any damage or damage caused if the product has not been used for proper application and in accordance with its instructions for use.