

Torggler

ETICS

Paints and coatings

SKIN SILOXAN

1.0 / 1.2 / 1.5 mm siloxane-fibre-reinforced coating with a skimmed appearance.



APPLICATION AREAS

Outdoors:

- New, cured, homogeneous, civil-finished wall surfaces;
- Cementitious, lime mortar, coated or partially deteriorated wall surfaces;

FEATURES

- Mat appearance skim coat based on siloxane resins in water emulsion, pigments, selected particle size grits and specific additives;
- Due to its strong water repellency, it hinders the penetration of rainwater while, at the same time, the microporous structure allows moisture in the wall to be disposed of externally in the form of vapour without damage to the coating itself;
- It has excellent adhesion on all types of old or new lime, cement substrates and on old paint, provided they have been properly consolidated;
- Particularly suitable for industrial environments and marine climates;

- Its characteristics make it suitable, when applied in two coats, for use as a finishing coating on thermal insulation systems;
- It contains special film preservatives, which give the coating preventive protection against the formation of algae and fungi;
- Product complying with DIN 18558;
- White and colours can be achieved with the tintometric system;

WARNINGS

- Do not apply on sunny walls or with ambient or substrate temperature conditions that may fall below + 5°C or above +35°C in the first 24 hours after application; relative humidity must not exceed 75%;
- Apply on homogeneous and flat substrates, complete the façade-wall without stopping, avoid recoating material that is already dry; in the case of very large surfaces, provide suitable interruptions near to downpipes or technical joints, if any;
- Protect the façade with tarpaulins after application from adverse weather conditions and dust for at least 48 hours;
- Applicable on substrates with rising damp, only after a dehumidifying treatment;
- New plaster must be left to cure for at least 4÷6 weeks, until the end of the carbonation process, the same will happen for the patching carried out, if any;
- Store the product in its original packaging at a temperature between +5°C and +35°C;
- Apply a single lot on the same façade or request a continuation of batch;

INSTRUCTIONS FOR USE

Product dilution and preparation

The product is ready to use. Mix thoroughly until a homogeneous mass is obtained. Application tools

Application tools

- Stainless steel plastering trowel for spreading;
- Plastic plastering trowel for finishing;

SUBSTRATE PREPARATION

New, cured, homogeneous, civil-finished wall surfaces:

Clean thoroughly, removing all traces of dust. Check that the wall is perfectly dry and apply a coat of hydrophobising acrylsiloxane fixative and wait 24 hours.

Cementitious, cement-lime mortar wall surfaces, already coated or partially deteriorated:

- Old paint: remove all traces of dirt, loose parts and efflorescence, if any;
- Old coatings: remove paint with paint stripper and wash the surface with high-pressure cleaner. If mould is present, a treatment with an anti-mould solution must be carried out. Carry out grouting, if necessary, up to 5 mm with skim plaster, after consolidating the part with solvent fixative (and allow to cure for at least 7-10 days. Greater thickness must be treated with materials compatible with the existing plaster and allowed to cure. Check that the wall is perfectly dry. In the case of extensive unevenness, level the entire surface with smoothing compound and allow to cure. Apply a hydrophobising acrylsiloxane fixative and wait 24 hours.

Wall surfaces with thermal insulation system:

After the layer of reinforced skim coat has cured, proceed with the application of a coat of hydrophobising acrylsiloxane fixative or eTics Primer VIP pigmented primer. Known Incompatibilities None. For any use other than that stated in this data sheet, contact our Technical Service.

Tools cleaning

Clean the tools with water immediately after use.

Rainwater resistance

The product completes the drying and curing processes within 8÷10 days under optimal environmental conditions (5÷30°C; R.H. max. 75%). If the product, during this period of time undergoes runoff from rainwater, it could result in unsightly drippings with a translucent and sticky appearance. This phenomenon, which is temporary in

nature, does not affect the quality characteristics of the product and can be easily eliminated by hydro-washing or by waiting for the next rainy event.

Safety precautions

- Keep the can tightly closed and frost-free;
- Safety information for the user is contained in the relevant safety data sheet;
- Empty containers or containers with slight traces of dried residual product film must be disposed of according to local regulations;

WAITING TIMES

Spread eTics Skin Siloxan 1 / 1.2 / 1.5 mm in one coat with a stainless steel plastering trowel. In the case of application on external thermal insulation systems, apply eTics Skin Siloxan 1 / 1.2 / 1.5 mm in two coats. Finish with a plastic plastering trowel before it starts to film on the surface.

- Dry in depth: 24 h;
- Overpaintable: after 24 h;

TECHNICAL SPECIFICATIONS

PARAMETER AND METHOD	MAIN DATA AT 20°C AND 60 % R.H.
Theoretical consumption per coat 1,0 mm (ISO 7254)	1,8÷2,0 kg/m ²
Theoretical consumption per coat 1,2 mm (ISO 7254)	2,0÷2,4 kg/m ²
Theoretical consumption per coat 1,5 mm (ISO 7254)	2,5÷3,0 kg/m ²
Permeability to water vapour (ISO 7783-2)	Class V2
Water absorption (UNI EN 1062-3)	Class W3
Appearance and finish	Matt
Density 1,0 mm (ISO 2811-1)	1,85÷1,95 g/ml
Density 1,2 mm (ISO 2811-1)	1,85÷1,95 g/ml
Density 1,5 mm (ISO 2811-1)	1,85÷1,95 g/ml
Brookfield Viscosity 1 mm (ASTM D 2196)	45.000÷60.000 cps
Brookfield Viscosity 1,2 mm (ASTM D 2196)	45.000÷60.000 cps
Brookfield Viscosity 1,5 mm (ASTM D 2196)	45.000÷60.000 cps
Recommended dry thickness (ASTM D 1186)	Ca. 1,0 mm
Recommended dry thickness (ASTM D 1186)	Ca. 1,2 mm
Recommended dry thickness (ASTM D 1186)	Ca. 1,5 mm
Flash point (UNI 8909)	Non flammable
Storage life (UNI 10154)	Min. 24 Months
Water vapour diffusion WDD (ISO 7783-2)	>150 g/m ² in 24h High
Water diffusion resistance SD (ISO 7783-2)	<0.14 m

Price Class	PC ◆, PC I, PC II, PC III, Sample
Packaging size	2,5 kg, 25 kg
Detail	1.0 mm, 1.2 mm, 1.5 mm
Packaging	bucket
Color	Coloured, White
Pallet	33 buckets, 96 buckets



CERTIFICATIONS

UNI EN 1062-1: E5 S3 V1 W3 A0 C0

UNI EN 15824: Specific for outdoor and indoor plasters based on organic binders. Attestation of Conformity System 4. System 3 for reaction to fire.

VOC classification (Directive 2004/42/EC): Mineral-supported exterior wall paints. EU VOC limit value for eTics Skin Siloxan 1 / 1.2 / 1.5 mm (cat. A/c): 40 g/L (2010). eTics Skin Siloxan 1 mm contains a maximum of 40 g/L VOC.

The information contained in this document is reported on the basis of our experience and knowledge; therefore, any recommendations and suggestions made are without any guarantee and must be verified before using the product by those who intend to use it, who assume all responsibility that may result from its use since the conditions of use are not under our direct control. In case of doubt, it is always advisable to make preliminary tests and/or ask for the intervention of our technicians. Torggler reserves the right to modify, replace and/or delete the items, as well as to change the product data in this document without prior notice; in this case the indications given here may no longer be valid. Always refer to the latest version of the data sheet, available at www.torggler.com. Version 02.08.2022.