

## Technical Information

### Siloperl

#### Material related data

**Material type:** Highly water vapor permeable silicone resin facade paint with „Anti-green“

**Purpose:** For Highly water vapor permeable, water- and dirt-repellent, permanent coatings especially on mineral surfaces, smooth as well as structurable plaster, synthetic resin plaster etc. as well as renovation coating on bonded dispersion paint coatings.

**Properties:** Water-thinnable, cloth matt, great weather protection, highly diffusible, dirt repellent, water-repellent according to DIN 4108, keeps facades dry, easy processing, very white and good opacity, fungicide und algicide

**Bonding agent base:** Silicone resin emulsion, synthetic dispersion

**Density:** Ca. 1,48 g/cm<sup>3</sup>

**w24 value** □kg/m<sup>2</sup> h<sup>0,5</sup>□ : < 0,08

**sd value** □m□ : < 0,05

**Diluent:** Only water

**Gloss level:** Cloth matt

**Storage:** Cool, but frost-free. Close opened containers tightly.

**Consumption:** Ca. 150 -180 ml/m<sup>2</sup> for coating

**Minimum processing temperature:** + 5° C for material and surface.

**Drying time:** Under normal conditions (20° C und 65 % humidity)

**Dry on the surface:** after 2 hours - **paintable:** after 8 hours

**Rainproof:** after 24 hours

**Shades:** White – Toning for pastel shades only from the manufacturer-side

**Container:** Plastic container: 5 liter und 12,5 liter

#### Labeling and disposal

**Labeling:** GefStoffV: dropped VbF: dropped GGVS/GGVE: dropped

**Product code:** M-SF-02F **WGK:** 1 (self-classification)

**Declaration of ingredients:** Product contains plastic dispersion, silicone resin emulsion, preservatives, titanium dioxide, calcite, silicates, plasticizers, additives and water

**VOC-content according to ChemVOCFarbV:** Product category c (Wb) with a limit of 40 g/l (2010) VOC.

**Max. VOC content: 40 g/l.**

**Information on allergies according to EUH 208:** This product contains preservatives based on Methyl-, Benzothiazolinone (MIT/BIT) and 2-Octyl-2H-isothiazole-3-om (OIT) as film preservation. Benzothiazolinone and Octylisothiazole may produce an allergic reaction.

**Disposal instructions:** Liquid product must not be disposed into the drainage system and must not enter surface water or soil. Do not dispose with household rubbish.

Dried up material residues can be disposed as construction waste, waste paints(hardened), or as household waste. Liquid material residues must be disposed at local waste collection depots as waste of water-based paint.

**Waste code number:** AVV 080112

## **Processing guidelines**

**Surfaces and pretreatment:** A dry, solid and stable surface is necessary for all coating works. It should be paid attention to the points mentioned by VOB, part C, DIN 18363 under paragraph 3.1.1

**Cement and lime cement plasters:** New plasters should be left untreated for at least 4 weeks.

Let replastered surfaces set well and dry. Prime on weak absorbent surfaces with TIEFGRUND LF and on porous, highly absorbent or sandy surfaces with TIEFGRUND LH.

**Concrete:** Remove release agent residues, as well as chalking or sandy substances. Then prime with TIEFGRUND LF or TIEFGRUND LH on strongly absorbent surfaces.

**Stable old coatings:** Clean professionally dirty, lightly chalking old coatings (high-pressure cleaner).

Priming coat with TIEFGRUND LF or TIEFGRUND LH on strongly absorbent surfaces. Rasp glossy surfaces before coating.

**Unstable old coatings:** Remove with high-pressure cleaner or paint stripping (regard environmental regulations). Following guidelines as above.

**Stable synthetic resin plasters:** Clean old plasters professionally. Base coating with TIEFGRUND LF. New and set plasters can be coated without primer.

**Unpainted limestone walls:** Should be coated with silicate or silicone resin paint only.

**Exposed brickwork:** Only frost-resistant bricks or pre-brick stones are suitable for coatings. Pay attention to flawless grouting, salt efflorescences and moisture. Base coat with TIEFGRUND LH.

**Chapped plaster surfaces:** Coatings with elastic systems.

**Small imperfections:** After reparation with suitable filler prime with TIEFGRUND LH.

**Salt efflorescences:** Salt efflorescences caused by moisture damages must be removed mechanically. Then use TIEFGRUND. For coatings on surfaces with salt efflorescences we can't grant constant adhering.

**Coating:** After professional pretreatment of the surface (look above) Siloperl can be diluted with water (max 5%) as base coat. Then apply 1-2 layers undiluted.

## **Application**

**Application:** It can be painted, rolled and spattered (also airless).

**Cleaning of tools after use with water.**

## **Special instructions**

Shake well before using. Do not apply in direct sunlight. During breaks wrap tools into plastic wrap to avoid drying.

**Don't mix with other coating materials!**

## **Safety advice**

During processing and drying make sure there is sufficient ventilation.

Don't eat, drink and smoke during processing. Avoid contact with skin and eyes. After ingestion call a physician immediately and show packaging or label. Do not empty into drains. Not dried up material residues must be disposed at local waste collection depots for old lacquer. Dried up material can be disposed of as residual waste. Keep out of the reach of children.

Labelling: R 52/53 Harmful for aquatic organisms, may cause long term adverse effects in the aquatic environment

## **We would draw your attention to our safety data sheet!**

In this technical information we will not deal with all surfaces and their special treatment. Therefore, you should ask for advice in difficult cases. Our advice conforms with our current know-how and are intended to provide information on our products and their possible applications.

A legally binding guarantee of certain properties cannot be derived from our statements or verbal consultations.

The user/purchaser is not released from the responsibility of checking that our products are suitable for the proposed use.

As soon as a new edition of this information sheet is published, the previous data will become invalid.

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