Mipa Silikonharz Reibeputz LF

Product Information

Product description

Operational sector :

High quality structure roughcast based on silicon resin designed to create decorative, mat structures. For interior und exterior use on walls and ceillings. Mipa Silikonharz Reibeputz LF is high permeable to carbon dioxide and as result it is intended for calcareous supports after the recommended setting time. Its excellent hidrophobe properties allow to use it where good barrier effect is essential (as restoration roughcast in wet room systems).

Features :

- weatherfastness as per **VOB part C, DIN 18 363**
- water thinnable, not polluting
- high carbon dioxide permeability
- extrem water vapour permeability
- hydrophobic; barrier effect to dirt deposit by exterior use
- very productive
- easy applicable
- easy to model in different decorative structures

Composition according to VdL Richtlinie 01 :

Water based synthetic dispersion, silicon resin emulsion, titan dioxide, calcium carbonate, pigments and fillers of predominant grain share > 0,25 mm.

Treated articles :

This product contains a biocidal product with fungicidal properties. Active ingredients: Zinc pyrithione, Terbutryn, 2-octyl-2H-isothiazol-3-one. The water from cleaning the equipment must not reach the ground or surface water.

Colour :

white

Grain size :

Mipa Silikonharz Reibeputz LF is available in different grain sizes: scratch character: R 1,5 mm (1 – 1,5 mm); R 2,5 (1,5 - 2 mm).

Specification :

Gloss degree:	mat	**DIN 67 530**
Spec. weight:	approx.1,8 g/cm³	**DIN 51 757**

Storage :

At least 1 year, if the tightly closed original packages are kept dry, protected against frost. Storage temperature: from +5°C till maximum +30°C.

Application

Processing conditions :

Do not apply below + 5° C temperature of the object or the environment. Avoid direct sunlight.

Suitable supports :

Old and new mineral substrates such as concrete, silicate, lime, lime-cement and cement plastering paints, natural stone, limestone, tile masonry, as well as sond and firm dull dispersion roughcast paints.

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Support pretreatement : The substrate has to be clean, dry, firm and sound. Brush off all loose material. The surface and the capillars should be free of water and dry. A surface showing plaster damages should be repaired to the same structure and assure that the key is adequate. Neutralize the growth of moss or algae. with Mipa Fungizid Konzentrat. Remove all traces of shuttering oil. Good results are obtained only on a smooth, leveled surface. Not suitable for horizontal surfaces under permanent water contact.

Application : Apply Mipa Silikonharz Reibeputz LF by using a steel smoothing plate and structure by means of a plastic smoothing plate. Avoid lapping by applying wet-on-wet in case of large areas. Mipa Silikonharz Reibeputz LF may be succesfully applyed with appropriate roughcast spraying instruments.

First application on new facades

Priming coat: prime the substrate with Mipa WBS Microsil.

Intermediate coat: Mipa Silikonharz Streichfüller.

Top coat: apply Mipa Silikonharz Reibeputz LF in required structure and grain size by using a stainless steel smoothing blade and structure with a plastic smoothing plate.

First application on weathering damaged mineral facades

Remove the loose particles till a sound, firm substrate is obtained. Clean thoroughly the dirty areas. Dry. Neutralize (seal with fluo silicate) the renewed areas, mould and water-spottings. A pre-treatment with Mipa Fungizid Konzentrat is recommended in case of growth of moss or algae.

Top coat: as above.

To avoid visible joins, it is advisable to apply wet-on-wet. Especially by large surfaces it is better to work in team. The aggregates included in our rough cast are natural products, that is why slight shade differences are possible. When different areas have to be connected, either use material from the same batch, or mix together the necessary amounts.

Thinner : max. 3 % water

Drying : By 20° C and 50% rel. air humidity after approx. 4 hours rain proof; after approx. 10 hours recoatable, depending on the type of application, coat thickness and support.

Shade : With full-shade toner colour Mipa Vollton- und Abtönfarbe S (max. 5%).
A luminance factor < 20 is not suitable for heat-insulating composite systems. Comprehensive instructions could be found in the Product Information Design 120 respectively Design 734.

Spreading rate : approx. 0,25 – 0,3 m²/kg . The consumption will vary depending on the structure and grain size. A test coat on the object is recommended to determine the precise amount of product needed.

Recommendation for end-use

Stir well before application.

Mipa Silikonharz Reibeputz LF has a depot of active substances that inhibits algae and fungi growth. The duration of effectiveness depends on the prevailing object conditions and is temporary due to unfavourable weather and microclimatic conditions (e.g. avoid planting near to facades). Furthermore humidity and exposure to fungal and algae spores are limiting the protection effect. A permanent inhibition of algae and fungi growth is therefore not possible.

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Safety instructions

Consider general hygienic rules. Users are requested to use this product only according to the process recommendation. The product is not to be used for other purposes than those specified. Improper use may affect your health or the environment.

Safety instructions

Keep out of reach of children. Keep well away from food, drink and animal feedingstuffs. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Smoking, eating and drinking should be prohibited in areas of use. Do not allow to enter drains.

Cleaning of tools

With clean water immediately after use.

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