

Technical information

EasDry-Elastik Matt

Material related data

Material type: Crack-bridging, elastic silicone resin cover coat with EasyDry-effect for outdoors. Algicide and fungicide.

Purpose: Elastic cover coat for restructuring of fine hair cracks, net cracks and shrinkage cracks on plaster facades demanding high diffusibility as well as highest water-repellent and high building-physically properties. Excellently suitable for coating old, durable elastic coatings. Algicide and fungicide.

Properties: Matt, elastic, crack-bridging cover coat with self-cleaning surface. Optimal water-repellent due to „EasyDry Technology“ and therefor instantly drying surface. Highly weather- and ageing resistant, cold-stable, adhering and diffusible. Resistant against pollutants in the air and climate impacts.

Not suitable for horizontal surfaces which are water-retaining!

Bonding agent base: Plastic dispersion according to DIN 55947

Density: Ca. 1,42 g/cm³

Water-permeability - w24-value $\square \text{ kg/m}^2 \text{ h}^{0,5} \square$: < 0,1 - low

Water vapour-permeability – sd-value $\square \text{ m} \square \geq 0,14 - \leq 1,4$ (moderate)

Dry film thickness per coating: ca.100 μm

Grain size: < 100 μm - fine

Diluent: Only water

Gloss level: matt

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

Consumption: Depending on the surface and crack type 2 - 3 coatings with **AT LEAST** 220 ml / m²
2 x 220 ml/m² **EasyDry-Elastik Matt** for cracks < 250 μm
3 x 220 ml/m² **EasyDry-Elastik Matt** for cracks < 500 μm

Minimal processing temperature: +5°C

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

Dry on the surface: after 6 hours - **paintable:** after 12 hours

Rainproof: after 24 hours

Shade: White – Can be toned with elastic full-tone colors or tinting concentrates only

Container: Plastic container: 12,5 Liter

Labelling and disposal

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

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

Declaration of ingredients: Product contains styro-acrylate plastic dispersion, silicone resin emulsion, preservatives, titanium dioxide, calcite, silicates, film forming agents, 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

The pretreatment of the surface is of vital importance for permanent restructuring with **EasyDry-Elastik Matt**. The necessary working method must be based on the object's condition. Universal processing guidelines can't be made due to different surfaces. But generally, the application guidelines according to VOB part C - DIN 18363 apply for pretreating surfaces. All Products must be checked for suitability. Only carefully conducted surface pretreatment and professional execution grant a permanent restoration success.

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, as well as the BSF-data sheet of the concerning working area.

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 SILOX-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 SILOX-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 SILOX-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 SILOX-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.

Mikro organismms: Treat affected areas with fungicide.

Processing guidelines

Light reinforcement:

(Plaster cracks, which don't come from the plaster base.)

1. Pretreatment of the surface as described.
2. Base coat with **EasyDry-Elastik Matt** undiluted. Apply at least 220 ml / m²
3. 1-2 undiluted final coats with **EasyDry-Elastik Matt** depending on the described crack width (see consumption) with at least 220 ml / m².

Heavy reinforcement up to max. crack width < 500 µm:

(Cracks which come from the plaster base. Cracks on butt joints or horizontal joints)

1. Pretreatment of the surface as described.
2. Fill cracks and unevenness of the surface with synthetic fiber paste.
3. Base coat with **EasyDry-Elastik Matt** undiluted. Apply at least 220 ml / m²

4. Apply 2 undiluted final coats with **EasyDry-Elastik Matt** depending on the described crack width (see consumption) with at least 220 ml / m².

Application

Application: It can be painted or rolled. Stir the material well before using. Work Wet-in-wet and in one go to avoid edges. Reroll in one direction.

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!

Since the behaviour of constructive, building physical cracks can't be predicted we can't grant permanent crack restoration. The crack-bridging properties are given only when complying with the minimal application quantity.

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.

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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