

BALANCE

INTENDED USE

For highly water vapour-permeable and water-repellent facade coatings on mineral substrates and renders, renovation coatings on firmly adhering, matt dispersion coatings and synthetic resin renders.

Also suitable for use on listed or heritage-protected buildings.

PROPERTIES

Weather-resistant according to VOB Part C, DIN 18363, highly water vapour-permeable, water-repellent, CO₂-permeable and alkali-resistant. Good opacity, low dirt sensitivity, dries to a chalk-matt finish, water-dilutable and low-odour.

Binder base:

Silicone resin emulsion, pure acrylate

Density:	approx. 1.48 g/cm ³
w24 value (kg/m ² h ^{0.5}):	< 0,08
sd value (m):	< 0,05
Thinner:	Water only
Gloss level:	Dead matt
Surface-dry:	after 2 hours
Recoat:	after 8 hours
Rainproof:	after 24 hours

Storage:

Store in a cool but frost-free place. Close opened containers tightly.

Consumption: approx. 150–180 ml/m² per coat

Minimum application temperature:

+5 °C for material and substrate

Drying times:

Under normal conditions at 20 °C and 65% relative humidity

Colour shades:

White – tinting in pastel shades only by factory tinting

Packaging:

Plastic containers: 5 litres and 12.5 litres

LABELLING & DISPOSAL

Labelling:

GefStoffV: not applicable

VbF: not applicable

GGVS/GGVE: not applicable

Product code: M-SF-02F

WGK: 1, self-classification

Ingredient declaration:

The product contains pure acrylate, silicone resin emulsion, titanium dioxide, calcium carbonate, silicates, preservatives, film-forming auxiliaries, additives & water.

VOC content according to ChemVOCFarbV:

Product category c, Wb, with a limit value of 40 g/l VOC (2010).

Maximum VOC content: 40 g/l.

Information for allergy sufferers according to EUH208:

Contains 1,2-benzisothiazol-3(2H)-one (BIT), 5-chloro-2-methyl-2H-isothiazol-3-one / 2-methyl-2H-isothiazol-3-one (CIT/MIT), zinc pyrithione (ZnPT) and Terbutryn. These may produce allergic reactions.

Disposal information:

Only completely emptied, brush-clean containers should be sent for recycling.

Dried material residues may be disposed of as cured paints and varnishes or with household waste.

Liquid material residues must be disposed of as water-based paint waste at the local hazardous waste collection point.

Waste code: AVV 080112

APPLICATION INSTRUCTIONS

Substrates and pretreatment:

For all coating work, the substrate must be dry, firm and load-bearing. The requirements stated in VOB Part C, DIN 18363, Section 3.1.1 must be observed.

Cement and lime-cement renders:

New renders should remain untreated for approx. 4 weeks. Repaired render areas must set properly and dry thoroughly. Prime slightly absorbent surfaces with widu SILOX-TIEFGRUND LF; prime porous, highly absorbent or sanding surfaces with TIEFGRUND LH.

Concrete:

Remove release agent residues as well as chalking or sanding substances. Then prime with widu SILOX-TIEFGRUND LF; for highly absorbent substrates, prime with TIEFGRUND LH.

Load-bearing existing coatings:

Professionally clean dirty, slightly chalking existing coatings, for example by high-pressure cleaning. Apply a primer coat with widu SILOX-TIEFGRUND LF; on highly absorbent or chalking surfaces, use TIEFGRUND LH. Roughen glossy surfaces before overcoating.

Non-load-bearing existing coatings:

Remove by high-pressure cleaning or by stripping, observing environmental regulations. Subsequent treatment as described above.

Load-bearing synthetic resin renders:

Professionally clean old renders. Apply a primer coat with widu SILOX-TIEFGRUND LF. New, fully set renders may be coated without pretreatment.

Unpainted sand-lime brick masonry:

Should only be coated with silicate or silicone resin paints.

Fair-faced brick masonry:

Only frost-resistant clinker bricks or facing bricks are suitable for coating. Ensure crack-free joints and check for salt efflorescence and moisture. Apply a primer coat with TIEFGRUND LH.

Cracked render surfaces:

Coating with an elastic system.

Small defects:

After repair with suitable fillers, prime with TIEFGRUND LH.

Salt efflorescence:

Salt efflorescence caused by moisture damage must be removed mechanically; the underlying damage must be remedied. Then treat with TIEFGRUND LH.

No guarantee of durable adhesion of the coating can be given for coatings applied to surfaces with salt efflorescence.

Coating Build-Up

After appropriate professional pretreatment of the substrate, as described above, silicone resin facade paint may be diluted with a maximum of 5% water for the primer/base coat.

Then apply 1–2 undiluted finishing coats.

APPLICATION METHOD

The product can be applied by brush, roller or spray application, including airless spraying.

Clean tools with water after use.

APPLICATION PROCEDURE

Stir well before use. Do not apply in direct sunlight.

During breaks, keep tools in the paint or wrap them in household film to prevent drying.

Do not mix with other coating materials.

SPECIAL NOTES

- Do not eat, drink or smoke during use.
- Avoid contact with skin and eyes.
- If swallowed, seek medical advice immediately and show the packaging or label.
- Do not allow to enter drains.
- Dispose of uncured residues at the local collection point for waste paint.
- Cured material may be disposed of with residual waste.
- Keep out of reach of children.

SAFETY ADVICE AND LABELLING

Labelling:

R52/53 Harmful to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

Particular reference is made to our Safety Data Sheet. This technical information cannot cover all substrates and their coating-related treatment. In difficult cases, technical advice should therefore be obtained.

Our statements correspond to the current state of technology and our experience and are intended to provide information about our products and their possible applications.



A legally binding assurance of specific properties or suitability for a specific purpose cannot be derived either from our written information or from verbal advice.

The user is not released from the obligation to test our products under project conditions and on their own responsibility for suitability for the intended purpose.

This information becomes invalid upon publication of a new edition.

CONTACT

ERST



ERST GmbH
Aiterhofener Str. 4
94330 Salching, Germany
+49 9426 76 33 033
info@erst.de
www.erst.de

