SÜDWEST



TECHNICAL DATA SHEET

30035 RISSGRUND FASERARMIERT

AREA OF APPLICATION

RissGrund faserarmiert is a levelling and crack-filling primer for indoor and outdoor use. It is an adhesion-promoting primer for smooth and existing substrates. RissGrund faserarmiert is also used as a compensating coating on all non-highly elastic emulsion-based coatings and synthetic resin renders as well as on external wall insulation systems to which SÜDWEST Silikat Fassadenfarbe or SolSilikat Fassadenfarbe will subsequently be applied. Can be used for crack formations on existing facade paint coatings requiring excellent crack filling and reinforcement properties.

PROPERTIES

- Structure levelling
- Sealing of hairline cracks, crazing, and shrinking cracks
- Crack-filling coating according to BFS data sheet no. 19 group I
- High water vapour and CO_2 permeability
- Solvent content < 1 %
- Increased adhesion strength by silicification on mineral substrates
- Acts as an adhesion promoter and primer on non-mineral substrates
- Good reinforcing effect even on large surface areas

COLOUR SHADE: 9110 white

ALL-COLOR FACTORY TINTING: available in pastel colour shades.

CONTAINER: 5 l, 12.5 l

CONSUMPTION: depends on the absorption capacity and roughness of the substrate.
Smooth substrate: approx. 600 ml/m² per application cycle
Rough substrate: approx. 800 ml/m² per application cycle

We recommend applying a sample coat to determine precise consumption values.

DENSITY: approx. 1.57 g/cm³

APPLICATION

GENERAL RULES:
The substrate must be prepared and the coating work performed in accordance with the state of the art. All coatings and preliminary work should always be geared towards the project and the requirements it is exposed to. Please also observe the current BFS data sheets, published by the German Federal Committee for Paints and the Protection of Objects. Also see German construction contract procedures (VOB), Part C, DIN 18363, Paragraph 3 “Painting and coating work”.

Treating/removing layers of paint by sanding, welding, burning off, etc. can cause harmful dust and/or vapours. Only carry out work in well-ventilated areas. Use appropriate breathing apparatus/protective equipment, if necessary. All substrates must be clean, dry, load-bearing, and free from release agents. Substrates must be checked in terms of their load-bearing capacity and suitability for subsequent coatings. If necessary, create a test surface and test the adhesion.

SUBSTRATE

- Plasters and renders in mortar group P Ic, P II, and P III (hydraulic lime, lime cement, mortar)
- Old synthetic resin renders and emulsion-based paint coatings
- Old silicate-based paint coatings and silicate plasters/renders
- Existing external wall insulation systems

SUBSTRATE PREPARATION:
SHRINKING CRACKS – HAIRLINE CRACKS:
Carefully scratch open crack formations and clean with high-pressure hot water blasting.

PLASTERS AND RENDERS IN MORTAR GROUPS P IC, P II, AND P III:
Prime absorbent, crumbling, or existing plasters and renders with a coat of SÜDWEST Fixativ (mixed 1:1 with water). We recommend SolSilikat Fassadenfarbe as a surface course for plasters and renders in mortar group P Ic.

LOAD-BEARING EMULSION PAINT OR SYNTHETIC RESIN COATINGS AS WELL AS LOAD-BEARING LIME, CEMENT, OR SILICATE PAINTS AND PLASTERS/RENDERS:
Clean with high-pressure hot water blasting. Use diluted SÜDWEST RissGrund 1 für 3 or RissGrund faserarmiert for initial priming of absorbent surfaces.

NON-LOAD BEARING EXISTING COATINGS:
Carry out initial cleaning of the surfaces by sanding, scraping, brushing, or stripping off the coating, then clean with high-pressure hot water blasting and leave to dry completely. Prime highly absorbent substrates with SÜDWEST Fixativ (mixed 1:1 with water).

APPLICATION

With a long-bristle ceiling paint brush. 1 or even 2 coats of RissGrund faserarmiert can be applied, depending on the crack structure, filling effect, and required reinforcement coat thickness. RissGrund faserarmiert can also be applied combined with SÜDWEST RissGrund 1 für 3, i.e. larger crack formations can be sealed locally with SÜDWEST RissGrund 1 für 3 prior to

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subsequent full-surface application of RissGrund faserarmiert.

TOOL CLEANING:
Clean with water after use. Collect the cleaning/rinsing water and dispose of it properly.

APPLICATION TEMPERATURE:
Do not apply or leave to dry at a material, project, or air temperature of less than +5°C.

DRYING

(+20°C / 65 % rel. humidity)
Surface-dry and can be painted after 12 hours.
Drying times will be longer at lower temperatures and higher humidities.
Water vapour diffusion: Class I(high); sd < 0.1 m

SPECIAL INFORMATION

RissGrund faserarmiert must never be diluted with water and must be painted over with 2 coats in exteriors.
To ensure the quality and uniformity of facade coatings, do not apply in direct sunlight, strong wind, fog, impending rain, or if the temperature is expected to fall below +5°C during the subsequent drying phase. To avoid seams, apply the product to closed surfaces quickly wet-on-wet and without a break. Not suitable for application on horizontal surfaces with water loading or lacquers, metals, plastics, timber, and substrates with efflorescence. To avoid the risk of wicking, the fibres of RissGrund faserarmiert must not stand up on end; they must be covered over sufficiently with facade paint. To avoid the layers of SÜDWEST RissGrund swelling, the facade surfaces must be protected from driving rain for at least 3 days once the last facade coating has been applied. All substrates that are not to be painted or that are difficult to clean must be covered. In particular, glass, ceramics, non-ferrous heavy metals, and other substrates that are sensitive to alkaline must be protected from paint splashes due to the likelihood of staining or surface damage that cannot be removed. Wash off paint splashes immediately with plenty of clean water. RissGrund products must not be used as a substrate for coatings with high diffusion resistance.

Warning!
RissGrund faserarmiert is highly alkaline. Protect eyes and skin from paint splashes. Rinse paint splashes immediately with clean water.

EC DIRECTIVE 2004/42/CE

The RissGrund faserarmiert product falls below the maximum VOC value of product category C (40 g/l) and is therefore VOC-compliant.

VDL DECLARATION

Polymer dispersion, mineral binder, titanium dioxide, silicate extenders, mineral extenders, water, aliphatics, water-repellent agent, thickener, stabilisers, dispersing agents, anti-foaming agents

GISCODE BSW10

GENERAL SAFETY ADVICE

Good ventilation must be ensured while paints and varnishes are being applied and are drying. Keep away from food, drink, and animal feed. Avoid contact with skin and eyes. Do not breathe in dust during sanding work. Keep out of reach of children. Do not allow to enter ground water, bodies of water, or the sewer system in undiluted or large quantities. Further information and the current SDS are available at www.suedwest.de

STORAGE

Close opened containers so that they are airtight after use. Store in cool but frost-free conditions.

DISPOSAL

Only return empty containers for recycling. Dispose of containers with residues at the responsible hazardous waste centre. Dispose of dried paint brushes and rollers with residual waste. Do not dispose of paint or rinse painting tools in sinks or drains.

TECHNICAL CONSULTATION

Our sales force will be happy to answer any questions which have not been covered by this Technical Data Sheet. Our technical customer service team at the factory is also available to answer any detailed queries you may have.
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DISCLAIMER

We are committed to taking the utmost care. However, we are only able to provide general information based on our own experiences, developments, and investigations, and these naturally cannot take the individual conditions of a project (substrates, weather conditions, other conditions) into account. The applicator is therefore obliged to maintain their knowledge in accordance with the state of the art and act responsibly. Our employees are available to provide specific advice and will be happy to do so. We accept no responsibility for the use of the product in combination with other products. The data provided in this Technical Data Sheet does not constitute binding information or liability.

Furthermore, suspension or the appearance of a subsequent edition will invalidate this Technical Data Sheet; information about this can be accessed at any time on our website: www.suedwest.de.

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