



TECHNICAL DATA SHEET

30057 BIO-INNENSPACHTEL

AREA OF APPLICATION

Bio-InnenSpachtel is a preservative-free, mineral interior filler based on silicate (compliant with DIN 18363 2.4.1 with an organic component < 5 %) with ideal properties for applying to wall areas and ceiling areas.

PROPERTIES

- All-purpose
- Very efficient
- Suitable for application with powerful airless equipment
- For quality level: Q3 - Q4
- Suitable for full-surface and efficient application on almost every substrate
- Rust-inhibiting

COLOUR SHADE: natural white

CONTAINER: 25 kg

COVERAGE: approx. 1.7 kg/m²/mm layer thickness

Material consumption depends on, among other factors, the application, substrate, and consistency. The stated consumption values are only to be used as a guide. If required, precise consumption values should be determined on the basis of the specific project.

GLOSS LEVEL: matt

TECHNICAL DATA

| Criterion | Standard/ test specification | Value / unit | Notes |
|-----------|------------------------------------|-----------------------|-------|
| Density | | 1.7 g/cm ³ | |

| | | | |
|--|-------------|-----------|-----------------|
| Diffusion-equivalent Air layer thickness | EN ISO 7783 | | V1 high |
| Maximum layer | | 3 mm | |
| Reaction to fire (class) | EN 13501 -1 | A2-s1,d0 | Non-combustible |
| Bond strength (28 days) | EN 1542 | ≥ 0.3 MPa | |

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.

AREA OF APPLICATION

- Interior
- On mineral and organic substrates
- To achieve surface qualities Q3 and Q4
- Suitable in rooms exposed to moisture with water impact class W0-I (low water impact) (according to DIN 18534-1:2017-04 and in accordance with data sheet no. 5 issued by the Bundesverband der Gipsindustrie e.V.).
- Not suitable for special wallpapers (e.g. metal or vinyl wallpapers), heavy wallpapers, or other wallpapers which are impermeable to water vapours

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

SUBSTRATE

The substrate must be firm, dry, clean, and load-bearing, as well as free from sinter layers, efflorescence and release agents. Damp or not fully cured substrates can lead to damage in subsequent coats, such as bubble formation or cracking. The substrate must be free from release agents, stress, and must not change shape. German construction contract procedures (VOB) Part C DIN 18363, Part 3, and the BFS data sheets must be observed in this regard. Critical substrates must be tested for suitability. Create a sample surface area!

HIGHLY ABSORBENT SUBSTRATES:

Prime with SÜDWEST ThixGrund or SÜDWEST InnenGrund and treat the substrate accordingly. Mineral substrates can be primed with SÜDWEST Fixativ.

PLASTERS IN MORTAR GROUPS I, II, AND III:

Apply new plasters after a drying time of approx. 2 weeks without further pre-

treatment. Touch up minor plaster damage with SÜDWEST Rapid Spachtel and adjust the surface texture. Prime slightly chalking and absorbent plasters with SÜDWEST ThixGrund, SÜDWEST InnenGrund, or SÜDWEST Fixativ.

GYPSUM AND PRE-MIXED PLASTERS IN MORTAR GROUPS IV AND V:

In the case of gypsum plaster, remove any sinter skin by mechanical means and dust off. Prime with SÜDWEST ThixGrund or SÜDWEST InnenGrund.

CONCRETE:

Remove any formwork oil residue. Fill board joints and defects with SÜDWEST Rapid Spachtel.

CELLULAR CONCRETE:

Prime with SÜDWEST ThixGrund or SÜDWEST InnenGrund.

GYPSUM PLASTERBOARDS:

Sand filled spots with 120 grit abrasive paper and prime with SÜDWEST ThixGrund or SÜDWEST InnenGrund. If there is a danger of discolouration from the carrier material, apply an intermediate coat of SÜDWEST Isolierfarbe L.

LOAD-BEARING EXISTING COATINGS:

Firmly adhering dispersion and silicate paints after cleaning without further pre-treatment. Prime slightly chalking, firmly adhering coatings with SÜDWEST ThixGrund or SÜDWEST InnenGrund.

TEXTURED PLASTERS (E.G. SYNTHETIC RESIN, SILICATE, AND MINERAL PLASTERS):

Before applying the product, level with SÜDWEST Rapid Spachtel. Mineral substrates can be primed with SÜDWEST Fixativ.

DISTEMPER, LINING PAPER, AND PASTE RESIDUES:

Wash off completely. If necessary, prime with SÜDWEST ThixGrund or SÜDWEST InnenGrund.

APPLICATION

APPLICATION CONDITIONS:

Lowest substrate and air temperature: +5°C

Highest substrate and air temperature: +30°C

TIME FOR APPLICATION:

Open time: approx. 20 minutes, depending on the substrate and ambient room temperature.

MATERIAL PREPARATION:

Ready-to-use. Stir well before application.

COATING BUILD-UP:

Priming coat: depends on the type and condition of the substrate. Intermediate and finishing coat: apply the product in several layers, then smooth it.

APPLICATION:

Apply with a smoothing trowel, by roller, or spray by machine.

Apply to the full surface in a max. layer thickness of approx. 3 mm with a smoothing trowel, by roller, or spray, and tool and smooth with a rust-free handle or putty knife (width 45–60 cm). Commonly available screw pumps and high-performance airless sprayers (nozzle 533) are suitable for application. The spraying parameters must be adjusted depending on the sprayer on the project.

AFTER SANDING WORK:

Prime with SÜDWEST Fixativ. Levelled surfaces can be coated with the SÜDWEST interior paints. A priming coat of SÜDWEST ThixGrund or SÜDWEST InnenGrund must be applied before wall-papering. Ideal for subsequent coating with SÜDWEST silicate products

CLEANING THE TOOLS:

Clean with water immediately after use.

DRYING

DRYING, CURING, READY FOR NEXT COAT:

Fully dry and suitable for sanding after approx. 48 hours. Reworking and through-drying depend on the applied layer thickness. Over-coatable with other materials and itself after approx. 24 hours at an air and substrate temperature of +24°C and a relative humidity of 65 %.

SPECIAL INFORMATION

Windows, doors, and cast in units must be completely covered before spraying. Only use rust-free and clean tools and equipment. Slight differences in colour are possible due to the use of natural extenders. The material is alkaline; protect

gloss surfaces (e.g. glass, ceramics) in particular. Due to the alkalinity of the material, changes in colour shade may occur in subsequent coatings. Long wet times, e.g. due to material applied to the SÜDWEST Bio-InnenSpachtel, can cause peeling off.

FULL DECLARATION COMPLIANT WITH PROCUREMENT DIRECTIVE "NATUREPLUS"

Mineral binder, polymer dispersion, mineral extenders, water, thickener, stabilisers, dispersing agents, corrosion inhibitors, 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. Only use in well-ventilated areas. Do not eat, drink, smoke, or inhale snuff tobacco during work. Keep out of reach of children. Do not allow to enter the sewer system or bodies of water. If rivers, lakes, or drains become contaminated, inform the relevant authorities in accordance with the local laws. Further information and the current SDS are available at www.suedwest.de

STORAGE

Store in dry and frost-free conditions.

DISPOSAL

Only recycle empty containers. The current legal requirements regarding disposal must be observed.

TECHNICAL CONSULTATION

Our sales representatives 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 (06324/709-0).

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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