



TECHNICAL DATA SHEET

30026 / 30027 BIO-INNENPUTZ K/MP

AREA OF APPLICATION

Bio-InnenPutz is a preservative-free plaster on a silicate dispersion basis, tested for harmful substances, for the high-quality design of surfaces in interiors.

PROPERTIES

- Preservative-free
- Very high whiteness
- Immediately suitable for texturing
- Quick and easy application
- Eco-friendly
- Organic component < 5 %
- Diffusion-open
- Durable
- Excellent mildew-inhibiting properties

COLOUR SHADE: 9110 natural white

ALL-COLOR FACTORY TINTING: available in all colour shades with mineral pigmentation

CONTAINER: 25 kg

COVERAGE:

version	Approx. consumption
K 1.0	2.00 kg/m ²
K 1.5	2.20 kg/m ²
K 2.0	2.90 kg/m ²
MP	Depending on design

Consistency, application, and substrate have a direct influence on consumption. All consumption values quoted are provided as a guide only. Precise consumption values for a project can be obtained by creating a test surface.

TECHNICAL DATA

Density	EN ISO 2811	1.8–2.0 g/cm ³	
Diffusion-equivalent air layer thickness	EN ISO 7783	0.1 m	V1 high
Water vapour diffusion-equivalent air layer thickness μ	EN ISO 7783	50	V1 high
Reaction to fire	DIN 13501-1	A2-s1, d0	

AREA OF 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

SUBSTRATE PREPARATION:

NORMALLY ABSORBENT SUBSTRATES

Prime with SÜDWEST InnenGrund or SÜDWEST ThixGrund. Intermediate coat with SÜDWEST Bio-StreichPutz adapted to the colour shade of the finishing plaster.

MOULD-INFESTED SURFACES

Pretreat with SÜDWEST Schimmel-Fresser.

SURFACES STAINED WITH NICOTINE, WATER, RUST, OR GREASE

Wash surfaces with a mixture of water and a household cleaning agent with degreasing properties, allow to dry thoroughly, and brush. Apply a stain-blocking priming coat with SÜDWEST Isolierfarbe L; a second priming coat with subsequent intermediate paint coat of SÜDWEST Bio-StreichPutz might be necessary depending on the condition of the surface.

SUBSTRATES CONTAINING LIGNIN

If lignin bleeding is anticipated or if the substrates contain lignin (e.g. engineered woods, gypsum plasterboard, etc.), a stain-blocking priming coat will need to be applied. SÜDWEST KATIOTECH Isoliergrund or SÜDWEST Isolierfarbe L followed by SÜDWEST Bio-StreichPutz as an adhesion promoter.

APPLICATION

Apply Bio-InnenPutz K with a rust-free smoothing trowel and trowel off to grain size. Use a plastic trowel for texturing; a smoothing trowel can also be used with Bio-InnenPutz.

Bio-InnenPutz K can be applied with a machine for fine textured render. Apply Bio-InnenPutz K with a rust-free smoothing trowel. A minimum layer thickness of 2 mm applies. Up to 8 mm is possible from substrate to grain tip (but not across the entire surface). A felt pad, brush, sponge, etc. can be used for texturing. The coating build-ups and proposals listed do not release the applicator from his or her own responsibility for substrate testing and assessment. Read and follow the technical documentation for the priming coats and intermediate paint coats listed. The application method, tools, and material preparation have a direct influence on the result.

APPLICATION TEMPERATURE:

Do not apply or leave to dry at an air and object temperature of less than +5 °C.

MATERIAL PREPARATION:

Stir well before application; this applies to tinted materials in particular. The consistency can be adjusted by adding water; adding too much water can have a negative effect on material properties.

TOOL CLEANING:

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

DRYING

Over-coatable after min. 24 hours at + 20°C temperature (air and substrate) and 65 % relative humidity.

Resistant and fully dry after approx. 3 – 4 days.

At lower temperatures and/or high humidity, the drying process will be delayed accordingly.

SPECIAL INFORMATION

Cover all surfaces that are highly sensitive to alkaline (e.g. glass, metal, etc.) prior to application. Wash off splashes immediately with clean water. To avoid seams forming and chequering, the products must be applied evenly and continuously.

Diluting with water, forced drying of the coatings, or initial drying being accelerated by excess absorption capacity or heated substrates can have a negative effect on quality.

We recommend creating a test surface for intense colour shades. Do not use on gypsum substrates that have not been pretreated and on substrates with efflorescence that are not described in this Technical Data Sheet (seek specialist advice if necessary). Do not mix with different coating materials. Tinting may introduce the use of preservatives. Increased elasticity can cause cracks to appear in the coating film/plaster when coating/overcoating sealants such as acrylate sealants. Furthermore, discolouration and/or differences in gloss levels may appear in the coating depending on the composition of the sealants. The grain used is marble; due to the natural grains present in marble, structural grains that are not white in colour may be visible in isolated cases.

Bonding processes (chemical/physical) or different project conditions can lead to colour shade variations and cause staining.

VDL DECLARATION

Polymer dispersion, titanium dioxide, mineral extenders, silicate extenders, organic extenders, water, drying retarders, stabilisers, thickeners, dispersing agents, anti-foaming agents, wetting agents

GISCODE BSW10

GENERAL SAFETY ADVICE

Good ventilation must be ensured while paints, plasters, 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

Tightly sealed, cool but frost-free.

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 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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DoP no. SW-21

DoP no. SW-22

DoP no. SW-23

EN 15824

Bio-InnenPutz
Plaster with organic binding agents

On walls, ceilings, pillars, and separating walls in interiors

Reaction to fire: A2-s1, d0

Water absorption: W 3

Water vapour permeability: V 2

Thermal conductivity: NPD

Durability: NPD

Hazardous substances: NPD

Bond strength: ≥ 0.3