



TECHNICAL DATA SHEET

30106 AIRLESS FEINSPACHTTEL

AREA OF APPLICATION

Airless FeinSpachtel is an extremely fine organic interior filler with ideal properties for applying to wall areas and ceiling areas. Suitable for full-faced, efficient application on almost every substrate.

PROPERTIES

- mineral extenders
- rational application with airless equipment or screw pumps
- highly suitable for sanding
- quickly over-coatable
- rust-inhibiting
- solvent- and plasticiser-free, low-emission
- float-finishable

COLOUR SHADE: natural white

CONTAINER: 25 kg pail, 25 kg PE bag

GLOSS LEVEL: matt in accordance with EN 13300

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.

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		4 mm	
Reaction to fire (class)	EN 13501-1	A2-s1,d0	Non-combustible
Bond strength (28 days)	EN 1542	1.5 MPa	

AREA OF APPLICATION

- interior
- on mineral and organic substrates
- to achieve surface qualities Q3 and Q4
- not suitable for rooms exposed to moisture
- not suitable for special wallpapers (e.g. metal or vinyl wallpapers), heavy wallpapers, or other wallpapers which are impermeable to water vapours
- not suitable for coating with scrape and floated plasters due to long wet waiting times and mechanical stress

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

The substrate must be firm, dry, clean, and load-bearing, as well as free from sintered 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!

SUBSTRATE PREPARATION:

HIGHLY ABSORBENT SUBSTRATES: Prime with SÜDWEST ThixGrund or SÜDWEST InnenGrund and treat the substrate accordingly.

PLASTERS OF 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 Profi-GF Spachtel and adjust the surface texture. Prime slightly chalking and absorbent plasters with SÜDWEST ThixGrund or SÜDWEST InnenGrund.

GYPSUM AND PRE-MIXED PLASTERS OF 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.

TRIM PAINT COATINGS:

Leach with ammonia or leaching agent, e.g. S-E-1, and sand with 80 grit abrasive paper. Wash subsequently with water.

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

Before applying the product, level with SÜDWEST Rapid Spachtel.

DISTEMPER, LINING PAPER, AND PASTE RESIDUES:

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

APPLICATION

APPLICATION CONDITIONS:

Lowest temperature of substrate and air: +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

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. 4 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). After a short drying time, the tool and smooth again to close the pores. If particularly smooth surfaces are required, apply another levelling coat.

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. As a general rule, no more material should be applied and remain on the surfaces after tooling and smoothing than is necessary to fill the pores and achieve an even and covering filler layer.

FLOAT-FINISH:

Wet the spatula burrs using a pump sprayer, rub with a rubber float. The amount of water depends on the applied layer thickness. Smooth dissolving material with a smoothing trowel or spatula. This enables absolutely dust-free application on the construction site.

PRODUCING DECORATIVE EFFECTS:

The levelled surfaces can be coated by spraying. Very smooth surfaces that are free of ridges and blow-holes can be sprayed directly without prior tooling and smoothing. The texture can be varied depending on the nozzle size and

pressure. Spraying applications are particularly recommended for ceiling areas that are left untreated. Small areas can also be coated with a hopper gun.

AFTER SANDING WORK:

Prime with SÜDWEST ThixGrund or SÜDWEST InnenGrund. Levelled surfaces can be coated with the SÜDWEST interior paints. A priming coat of SÜDWEST ThixGrund or SÜDWEST InnenGrund must be applied before wallpapering.

CLEANING THE TOOLS:

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

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. If a spraying application is carried out that is to remain uncoated, we recommend that the same production numbers are used for the levelling and spraying applications. Long wet times, e.g. due to material applied to the Airless FeinSpachtel, can cause the fairing coat to peel off. Fine air bubbles can occur on dense, less absorbent substrates. These can be removed after a short flash-off time by smoothing. The smoothing time depends on the temperature and humidity of the project. If bubbles reappear after smoothing, the smoothing process was carried out a little too early. Then repeat the smoothing process.

VDL (GERMAN PAINT AND PRINTING INK ASSOCIATION) DECLARATION

Polymer dispersion, mineral extenders, water, additives, preservatives.

GISCODE BSW20

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 safety data sheet are available at www.suedwest.de

STORAGE

Store in dry and 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 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.

STATUS: 2026/JANUARY/CS