

Note on English translation / Hinweise zur englischen Fassung

This is a translation of the product data sheet valid in Germany.

All stated details and properties are in compliance with the regulations of the German standards and building regulations. They are only applicable for the specified products, system components, application rules, and construction details in connection with the specifications of the respective certificates and approvals.

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Drywall Systems

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Product Data Sheet

2023-03



Spritzspachtel Universal

Spray / hand applied finishing compound

Product description

Spritzspachtel Universal consists of calcium carbonate as well as other fillers, additives and binders.

Finishing compound type 2A acc. to EN 13963.

Storage

Protect against frost, high temperatures and exposure to direct sunlight. Can be stored at room temperature for at least 12 months.

Quality

In compliance with EN 13963, the product is subject to initial type testing and continuous factory production control and bears the CE marking.

Properties and added value

- Ready-mixed
- No mixing or maturing times
- Eco-friendly recommended
- High share of mineral material
- Very easy application
- Can be applied with machine, e.g. Airless
- Good filling properties
- Very easy to sand
- Good adhesive properties
- Quick drying

Field of application

Universal Spritzspachtel is a ready-mixed, air-drying, all-purpose finishing compound.

Application in interiors:

- Gypsum boards
- Gypsum fibre boards
- Plaster
- Concrete/aerated concrete
- Cement boards
- Precision block masonry

Design

Substrate

The substrate should be stable, dry, firm, clean, free of dust and release agents. Remove any existing release agents, e.g. wallpaper paste or paper residue. The gypsum board must be firmly fastened to substructures that are dry, clean and the joints must be dust-free. Fill larger skips with Knauf Uniflott or Knauf Fugenfüller Leicht.

Mixing

Use clean mixing buckets and tools. Stir the material before use with a putty mixer. Apply diluted Universal Spritzspachtel spray applied compounds promptly.

Machines / equipment

For machine application with the airless machine, use high pressure spiral pumps and screw piston pumps which are suitable for processing pasty compounds (e.g. Knauf PFT Swing Airless, SAMBA XL, Graco Mark V). The nozzle size is dependent on the desired spray angle and machine type. A type 535 nozzle is recommended as standard.

The following machine data can be used as a guideline for application of the compound with the specified machine types.

Machine	Conveying pressure	Nozzle	Hose length
PFT Samba XL	180 bar	531	20 m
PFT Swing Airless	120 bar	539, 541	15 m
Graco Mark V	180 bar	535, 539	15 m
Graco Mark VII	160 bar	535, 539	15 m
Graco Mark X	160 bar	535, 539	15 m
Wagner P.S. 03:39	100 bar	535	15 m
Wagner HC 950	140 bar	435	17.5 m
Wagner HP 30	120 bar	439	30 m

Application time

Open time after spray application: Depending on the plaster substrate, application thickness and room temperature approx. 20 minutes.

Coatings and linings

Always pretreat and prime surfaces before the application of coatings and linings (wallpapers) in accordance with Code of Practice 12 BfS or no. 6 of the BVG (German only). Primers must always be coordinated to the subsequent coatings and linings.

After wallpapering with paper or fibre-glass wallpapers as well as after application of resin / cellulose plasters, quick drying must be ensured through adequate ventilation.

Technical data

Description	Standard	Unit	Spritzspachtel Universal
Reaction to fire	EN 13501-1	Class	A2-s1, d0
Graining	–	µm	≤ 250
Declared adhesion	EN 13963	MPa	≥ 0.25
pH value	–	–	8 – 9
Density, drying	–	g/cm ³	1.7
Application time	–	Minutes	approx. 20
Drying	–	h/mm	approx. 24

Material requirement / efficiency

Coat thickness mm	Consumption kg/m ²	Yield m ² /package	Yield m ² /t
Per mm	1.7	12	600

Order information

Description	Application	Paint	Packaging unit	Material number	EAN
Spritzspachtel Universal hand / spray applied finishing compound	20 kg tubular bag	white	50 bags/pallet	00514173	4003982337511
Spritzspachtel Universal hand / spray applied finishing compound	20 kg bucket	white	33 buckets/pallet	00531824	4003982380203

Sustainability and environment

Short description	Unit	Value
Requirements of the German AgBB-scheme	–	fulfilled
Complies with the requirements of the French emission class	–	A+
LEED requirements	–	fulfilled
VOC content relative acc. to RL2004/42/EC	%	< 0.1
VOC content absolute acc. to RL2004/42/EC	g/l	< 1
Solvent and softener free	–	fulfilled
Environmental product declaration	–	EPD-BVG-20180025-IBG1-DE



Observe the safety data sheet!

For safety data sheets and CE marking see
pd.knauf.de



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