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Drywall Systems

K4605_DSP.de

Uniflott impregnated

Gypsum compound for hand filling joints
in areas of high humidity

Product Data Sheet

2025-03



Product description

Uniflott impregnated is a special gypsum-based synthetically enhanced powdery material set by the use of additives. Uniflott impregnated is water-repellent and colour matched to impregnated Knauf boards.

Storage

Store the bags on wooden pallets in a dry environment. Seal damaged and open bags airtight and use first. Can be stored for approx. 9 months in the original unopened packaging

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

- Powder form
- Hydrophobised
- Colour matched to the board
- Without joint tape for half-rounded tapered edge (HRAK)
- System jointing compound in areas of high humidity
- Low drying shrinkage
- Quick drying
- Easy to sand

Field of application

Uniflott impregnated is used for hand filling:

- Gypsum boards or composite boards with half-rounded edge (HRK) or half-rounded tapered edge (HRAK) without joint tape on paper liner covered edges with a metal stud frame.
- Gypsum boards with tapered edge (AK), bevelled cut edge (SFK) or mixed edge type combinations with joint tape, (e.g. Fugendeckstreifen Kurt joint tape)
- AFK (tapered beveled edge) without joint tape on board liner covered edges

Note

Reinforce cut edges with Knauf Joint Tape Kurt.

Application

Substrate

Knauf boards must be firmly fastened to substructures that are dry, clean and dust-free in the joint area.

Mixing

Sprinkle Uniflott impregnated in clean, cold water until just below the water line (max. 2.5 kg in approx. 1.2 l of water). Consider the slightly longer bonding time compared to Uniflott. Use a margin trowel to mix to a stiff creamy consistence without further additives. The green colour develops while mixing.

Note

Do not mix Uniflott impregnated with other materials.



Application

After mixing, Knauf Uniflott impregnated is applied with a trowel and smoothing trowel.

Generally at least 2 work steps are required depending on the required surface quality. Fill the joints, remove the excess material (strings) after approx. 40 minutes. Create a smooth and levelled transition to the board surface in the second step with a Trowel or Wide Spatula. Fill screw heads as well.

Use of a ready mix joint and finishing compound is recommended for quality levels Q3 to Q4.

Do not use hardening material. Remove slight bumps directly after setting. Sand with Knauf Hand Rasp / Grinder with Shaft and Rasp Mesh after drying.

Application temperature / climate

Filling and covering of joints should only take place when no more longitudinal changes can be expected, i.e. expansion or contraction due to humidity or temperature changes. In case of mastic asphalt screed, cementitious screed and self-levelling screed, fill in board joints after screed has been applied. Do not apply at room or substrate temperatures below +10 °C. Observe code of practice no. 1 "Baustellenbedingungen" of the BVG (German only).

Application time

Apply within about 45 min. after mixing before hardening starts (at 20 °C). At cooler temperatures a shorter application time can be expected, while at higher temperatures a longer application time results. Soiled mixing buckets and tools also reduce the application time. Do not use material that has started to set. Uniflott impregnated will not become reusable by adding water or mixing the material.

Cleaning

Clean the machines and tools with water after use.

Coatings and linings

Before further coatings and linings (wallpaper) are applied, the filled surface must be free of dust and the surface of the gypsum boards should always be pre-treated and primed, acc. to code of practice no. 6 of the BVG "Vorbehandlung von Trockenbauflächen aus Gipsplatten zur weitergehenden Oberflächenbeschichtung bzw. -bekleidung".

Ensure that the primer is compatible with the coating / paint / lining. To compensate for the differences in absorption of filled surfaces and the paper surface, coatings of primer such as Knauf Tiefengrund / Spezialgrund / Putzgrund are suitable.

Where a wallpaper lining is used, a primer that facilitates easier removal of wallpaper for redecoration is recommended.

A sealing primer of Knauf Flächendicht is required for covering splash water areas with tiles. After wallpapering with paper or fibre glass wallpapers or after application of resin / cellulose plasters, quick drying must be ensured through adequate airing.

Technical data

Description	Standard	Unit	Uniflott impregnated
Reaction to fire	EN 13693	–	A1
Application time	–	min	45
Drying time	–	h/mm	24

Material requirement / efficiency

Description	Consumption (jointing compound without perimeter connection joints)		
	Ceiling kg/m ²	Wall kg/m ²	Dry lining, furring, installation shaft wall kg/m ²
12.5 mm Knauf boards (half-rounded tapered edge)	0.3	0.5	0.25
15 mm Knauf boards (half-rounded tapered edge)	0.3	0.5	–
18 mm Solidboard / Diamant 18 (half-rounded tapered edge)	0.6	1.0	–
20 mm Solidboard (half-rounded tapered edge)	0.6	1.1	0.55
25 mm Solidboard (half-rounded tapered edge)	0.65	1.2	0.6
2x 12.5 mm Knauf boards (half-rounded tapered edge)	0.5	0.8	0.4
2x 15 mm Knauf boards (half-rounded tapered edge)	0.5	0.8	0.5
2x 20 mm Knauf boards (half-rounded tapered edge)	1.0	–	0.85
3x 12.5 mm Knauf boards (half-rounded tapered edge)	–	1.0	–

Perimeter connection jointing with Knauf Trenn-Fix: Depending on cladding thickness approx. 0.15 to 0.25 kg per m perimeter connection joint.

Product range

Description	Application	Colour	Packaging unit	Material number	EAN
Uniflott imprägniert	5 kg	Green	200 bags/palette 20 bags/layer	00005697	4006379041282

Sustainability and environment

Short description	Comment	Unit	Value
Requirements of the German AgBB-scheme	–	–	fulfilled
Complies with the requirements of the French emission class	–	–	A+
Blue Angel DE-UZ 198	DE-UZ 198	–	fulfilled
EMICODE EC1 ^{PLUS}	September 2022	–	fulfilled
BREEAM International	New Construction v2.0 (2016)	–	Exemplary Level
Eurofins Indoor Air Comfort Gold®	9.0 June 2023	–	fulfilled
EU Taxonomy	Regulation (EU) 2020/852	–	fulfilled
DGNB Version 2018	ENV 1.2 Nr. 2	–	QS4
DGNB Version 2023	ENV 1.2 Nr. 2	–	QS4
QNG Version 2023	Annex 313 POS. 5.3	–	fulfilled
Solvent and softener free VDL RLO1	9th Version 07.2024	–	fulfilled
Preservative free VDL RLO1	9th Version 07.2024	–	fulfilled
Environmental product declaration	–	–	EPD-



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