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Drywall Systems

# K467.de

Product Data Sheet

2018-02



# Uniflott

Gypsum filler for hand filling joints of drywall systems

## Product description

Uniflott is a special gypsum-based synthetically enhanced powdery material set by the use additives to be ideal to its field of application. Jointing compound type 4B acc. to EN 13963.

## 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.

## 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

- Low drying shrinkage
- Very high crack resistance
- Particularly easy to fill with its creamy, pliable consistency
- Quick development of hardness
- Quick drying
- Easy to sand with Abranet® sanding mesh
- Easy cleaning of mixing buckets and tools

## Field of application

Application in interiors for:

- 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)
- Perforated gypsum boards with trimmed sharp edges (SK), UFF (4-side rebated edge), e.g. Cleaneo acoustic boards
- Knauf Brio units and Brio composite units
- Knauf GIFAboard and GIFAfloor
- Knauf Vidiwall and Vidifloor

## Application

### Substrate and pretreatment

The substrate should be stable, dry, firm, clean, and even. 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 dust-free. The joints must be dust-free. Prime the edges of Cleaneo acoustic boards SK.

### Mixing

Sprinkle Uniflott in clean, cold water (up to close below water line (5 kg in approx. 2.4 l water) and mix without any further additives to a creamy consistency using a Margin Trowel.

### Application (non-perforated gypsum boards)

Usually apply in 2 operations, depending on the required surface quality. Fill joints fully in the first operation. Create a smooth and levelled transition to the board surface in the second operation with Trowel or Wide Spatula.

Fill screw heads/fasteners as well.

Sand after completely dry, e.g. with Abranet® sanding mesh.

Clean the machines and tools with water after use.

### Application (perforated gypsum boards)

See installation guides for Cleaneo SK as well as Cleaneo UFF.

### 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 (IGG).

### Application time

Apply within about 45 min. after mixing before hardening starts (at about +20 °C). At low temperatures a shorter application time can be expected, while at high temperatures a longer application time occurs. Soiled mixing buckets and tools also reduce the application time. Do not use material that has started to set.

### Coatings and linings

Before a coating or lining is applied, the filled surface must be free of dust. Always pretreat and prime the surfaces of the gypsum boards in accordance with Code of Practice BFS 12 or BVG 6. The primer must suit the subsequent coatings and linings.

Use only adhesives made of methyl cellulose according to BFS Code of Practice no. 16 "Technische Richtlinien für Tapezier- und Klebearbeiten" released by the Bundesausschuss Farbe und Sachwertschutz in Frankfurt/Main 2002 (German only).

Ensure that the primer is compatible with the coating / paint / lining. To compensate for the differences in absorption of filled surfaces and the board liner surface, coatings of primer such as Tiefengrund are suitable. Where a wallpaper lining is used, a primer that facilitates easier removal of wallpaper for redecoration is recommended.

A sealing primer of 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.

### Material requirement and efficiency

Board thickness/type	Consumption approx. in kg/m <sup>2</sup>			
	Ceiling	Wall	Furring	Pre-fab floor screed
9.5 mm Wallboard (half-rounded tapered edge)	–	–	0.3	–
12.5 mm Silentboard (half-rounded edge)	0.55	1.0	0.3	–
12.5 mm Knauf boards (half-rounded tapered edge)	0.3	0.5	0.25	–
12.5 mm Horizonboard (4-side tapered edge)	0.25	–	–	–
15 mm Knauf boards (half-rounded tapered edge)	0.3	0.5	–	–
18 mm Feuerschutzplatte (half-rounded tapered edge)	0.35	–	–	–
18 mm Solidboard GKB / Diamant 18 (half-rounded tapered edge)	0.6	1.0	–	–
20 mm Solid Board (half-rounded tapered edge)	0.6	1.1	0.55	–
25 mm Solid Board (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 Solid Board (half-rounded tapered edge)	1.0	–	0.85	–
2x 25 mm Solid Board (half-rounded tapered edge)	–	–	0.9	–
18 + 15 mm Knauf boards (half-rounded tapered edge)	0.5	–	–	–
25 + 18 mm Knauf boards (half-rounded tapered edge)	1.0	–	0.7	–
3x 12.5 mm Knauf boards (half-rounded tapered edge)	–	1.0	–	–
12.5 mm Cleaneo SK	0.2	–	–	–
12.5 mm Cleaneo UFF	0.1	–	–	–
Brio units / Brio compound units (rebated edge)	–	–	–	0.15

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

### Product range

Description	Application	Packaging unit	Material number	EAN
Uniflott	25 kg	42 bags/pallet	00003114	4003982019905
	5 kg	200 bags/pallet	00003115	4006379019342



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