

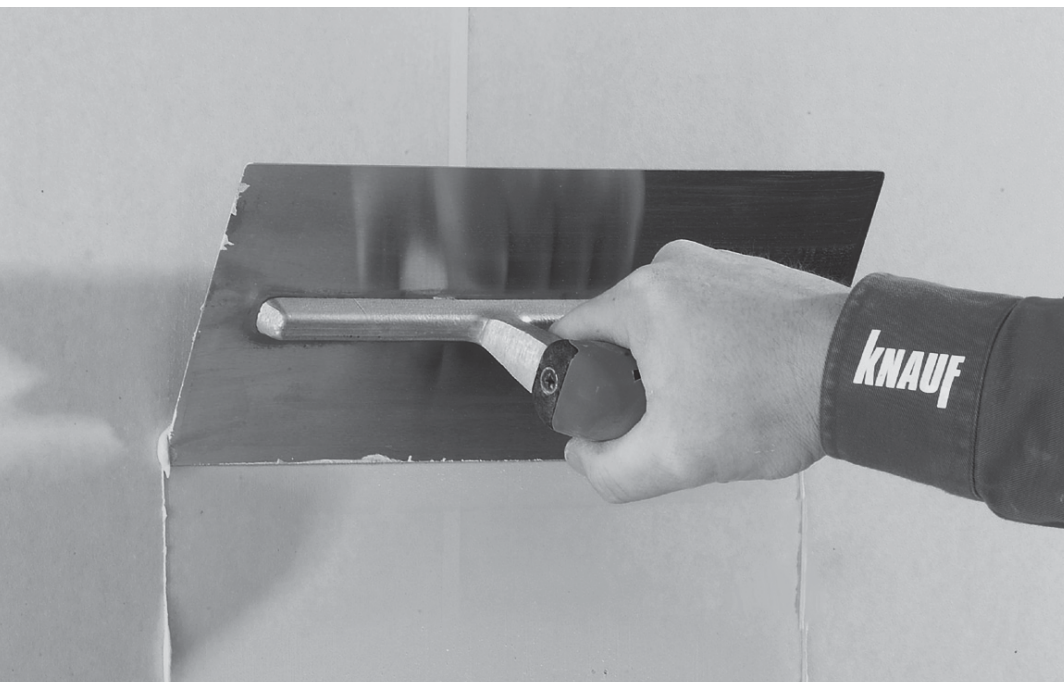
## Note on English translation / Hinweise zur englischen Fassung

This is a translation of the technical 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.

Knauf Gips KG denies any liability for applications outside of Germany as this requires changes acc. to the respective national standards and building regulations.

# KNAUF



Drywall Systems

2010-07

# Knauf Uniflott impregnated

Gypsum compound for filling joints of drywall systems in areas of high humidity by hand application

## Material

Knauf Uniflott impregnated is a special gypsum based, synthetic tempered, powdery material, technically enhanced with additives. It is hydrophobic and its colour is adapted to the colour of impregnated Knauf boards.

### Order information

5 kg bag

Material no. 00005697

### Storage

Store bags dry on wooden pallets. Close damaged or opened bags air tight and use first. Can be stored for 6 months.

## Fields of Application

Knauf Uniflott impregnated is the system filling compound for hand filling of impregnated Knauf Boards with edge type HRK (half-rounded edge), HRAK (half-rounded tapered edge), AFK (tapered beveled edge) without joint tape on paper covered edges.

### Recommendation

Reinforce cut edges with joint tape.

## Properties

- Powdery, ready to mix
- Lump-free mixing
- Good adhesive properties
- Creamy firm, pliable consistency
- Extraordinary easy filling
- Special gypsum based
- Easy to sand with Knauf Hand Rasp or Rasp with Handle
- Fast strength development
- Fast drying
- High water retention
- Low drying shrinkage
- Tools and vessels are easy to clean
- Hydrophobic
- Green

# K467i Knauf Uniflott impregnated

Gypsum compound for filling joints of drywall systems in areas of high humidity by hand application



## Application

### Substrate

Knauf boards should be applied tightly on a steady substructure, clean and with dust-free joints.

### Mixing

Sprinkle Knauf Uniflott impregnated in clean water up to close below water line (max. 2.5 kg in approx. 1.2 l water). Consider slightly longer mixing time compared to Uniflott.

Then mix with Margin Trowel without any further additives to a creamy, firm compound.

The green colour develops while mixing.

### Application

Apply in at least two operations depending on required surface quality level.

Fill joints, remove protruding filler (bulge) after 50 minutes. Create a smooth and levelled transition to the board surface in the second operation with Trowel or Wide Spatula.

Fill screw heads as well.

Don't use hardening material. Remove slight bumps directly after setting. Sand with Knauf Hand Rasp / Rasp with Handle and Rasp Mesh after drying. Clean tools and vessels after use.

### Application time

Hardening starts approx. 45 minutes after sprinkling (at 20 °C / 68 °F). At low temperatures a shorter application time can be expected, while at high temperatures a longer application time occurs. Application time is shortened if unclean pails and tools are used. Do not use hardened material and do not try to fluidize it by adding water or stirring to make it (only apparently) processible again.

### Application temperature/climate

Filling and covering of joints should only take place after the boards have been allowed to rest in the given humidity and temperature zones, and no more longitudinal changes can be expected, i. e. expansion or contraction. In case of mastic asphalt, gypsum and cement screed, fill joints after screed has been applied. Do not fill joints at air and surface temperatures below 10 °C (50 °F). Notes of the Code of Practice no. 1 "Baustellenbedingungen" of the BVG (IGG) are to be observed.

## Coats and linings

The filled surface should be dust-free.

Pre-treat and prime gypsum board surfaces before the application of coats and linings (wallpaper) in accordance with Code of Practice no. 6 of the BVG (IGG) "Vorbehandlung von Trockenbauflächen aus Gipsplatten zur weitergehenden Oberflächenbeschichtung bzw. -bekleidung".

Ensure that the primer and the coat or paint or lining are compatible.

In order to settle the different suction properties of the filled areas and the paper surface, primers such as Knauf Tiefengrund/Spezialgrund/Putzgrund are suitable.

In case of wallpaper lining a primer that allows an 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 and fibre glass wallpapers or the application of resin / cellulose plasters, quick drying must be ensured through adequate airing.

## Consumption of Material

Approx. consumption in kg/m<sup>2</sup> joint filling Q2 without perimeter connection joints

Board thickness/type (type of long edges)	Ceiling	Partition	Dry lining / furrings / shaft walls
12.5 mm Knauf boards (HRAK)	0.3	0.5	0.25
15 mm Knauf boards (HRAK)	0.3	0.5	-
18 mm Solid Boards / Diamant 18 (HRAK)	0.6	1.0	-
20 mm Solid Boards (HRAK)	0.6	1.1	0.55
25 mm Solid Boards (HRAK)	0.65	1.2	0.6
2 x 12.5 mm Knauf boards (HRAK)	0.5	0.8	0.4
2 x 15 mm Knauf boards (HRAK)	0.5	0.8	0.5
2 x 20 mm Solid Boards (HRAK)	1.0	-	0.85
3 x 12.5 mm Knauf boards (HRAK)	-	1.0	-

Filling of perimeter connection joints in connection with Knauf Trenn-Fix: Approx. 0.15 to 0.25 kg per m joint, depending on cladding thickness.

### Knauf Direct

Technical Advisory Service:

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▶ Fax: +49 1805 31-4000 \*\*

▶ www.knauf.de

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\* Call rates from within the German landline network: 0.39 € per Min. for callers whose phone numbers are registered in the Knauf address database, 0.06 €/Min. for Knauf Partner Dealers, 1.69 €/Min. for private builders or non-patrons. Calls from mobile phones will be charged acc. to net provider and call rate.

\*\* 0.14 €/Min. within the German landline network



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