



Technical Data Sheet K467i

2006-04

K467i Knauf Uniflott impregnated

Material, Fields of Application, Properties, Application, Consumption of Material

Material

Material composition

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

Storage

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

Order information

5 kg bag

Mat. no. 00005697

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 ability of water retention
- low drying shrinkage
- tools and vessels are easy to clean
- hydrophobic
- color is adapted green

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Application, Consumption of Material



Application

Substrate

Knauf Boards should be applied tightly on a steady substructure, clean and with dust-free joints. Prime SK edges of Cleaneo Acoustic Boards.

Apply Vidiwall Boards with 5 to 7 mm joint width. Fill skips with Knauf Uniflott/ Uniflott impregnated.

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 color develops while mixing.

Application

Apply in at least two runs 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 run 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).

Application time is shortened if unclean vessels and tools are used.

Do not use hardened material and do not try to fluidize it through adding of water or stirring to make it (only apparently) processable 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 screed, fill in joints after screed has been applied.

Do not fill joints at temperatures below 10°C (50°F).

Surface treatment/ wallpapering

Use only adhesives made of cellulose according to "Merkblatt Nr. 16, Technische Richtlinien für Tapezier- und Klebearbeiten", Frankfurt/Main 2002, released by Bundesausschuss Farbe und Sachwertschutz.

After wallpapering with paper or fiber glass wallpapers or after the application of resin / cellulose plasters ensure quick drying through adequate ventilation.

Consumption of Material

joint filling (in kg/m²) without consideration of abutment joints:

Board thickness / type (edge type)	Ceiling	Partition	Dry lining/ Furring/ Installation Shaft Wall
12.5 mm Knauf Boards impregnated (HRAK)	0.3	0.5	0.25
15 mm Knauf Boards impregnated (HRAK)	0.35	0.6	0.3
18 mm Solid Boards impregnated (HRAK)	0.4	0.7	0.35
20 mm Solid Boards impregnated (HRAK)	0.45	0.8	0.4
20 mm Panel Boards impregnated (AFK)	0.5	0.9	0.45
25 mm Solid Boards impregnated (HRAK)	0.5	0.8	0.4
2 x 12.5 mm Knauf Boards impregnated (HRAK)	0.5	0.8	0.4
2 x 20 mm Solid Boards impregnated (HRAK)	0.8	-	-
18 + 15 mm Knauf Boards impregnated (HRAK)	0.6	-	-
25 + 12.5 mm Knauf Boards impregnated (HRAK)	-	-	0.6
25 + 18 mm Knauf Boards impregnated (HRAK)	1.0	-	0.7
25 + 25 mm Solid Boards impregnated (HRAK)	-	-	0.75

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