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Drywall Systems

2012-01

Knauf Safeboard Filler

Gypsum compound for filling of joints of Safeboard X-Ray Shielding Boards

Product description

Knauf Safeboard Filler is a special gypsum based, synthetic-tempered, powdery material, adjusted with additives for its special field of application.

Safeboard Filler additionally features radiation protection and is therefore dyed yellow for identification.

Joint filler type 4B acc. to EN 13963.

Order information

5 kg bucket

Material no. 00133092

Storage

Store buckets in a dry environment. Close opened buckets air tight and use first. Can be stored for approx. 9 months.

Fields of application

Knauf Safeboard Filler is a compound specifically for filling joints of Knauf Safeboard X-ray Shielding Boards by hand application without reinforcement tape in order to create a flawless shielding.

Recommendation

Reinforce cut edges with Knauf Joint Tape Kurt.

Properties

- X-ray shielding
- Low drying shrinkage
- Powdery, ready to mix
- Creamy firm, pliable consistency
- Good adhesive properties
- Fast strength development
- Tools and pails are easy to clean

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Application

Safety instructions

Always wear dust respirator (P2) when sprinkling or sanding.

Substrate

Knauf Safeboards should be applied tightly on a steady substructure, clean and with dust-free joints. Prime cut edges.

Fill any surface defects carefully with Knauf Safeboard Filler.

Mixing

Sprinkle Knauf Safeboard Filler in cold clean water up to close below water line (5 kg in approx. 2 l water) until small patches appear.

Use Margin Trowel to mix powder and water to a creamy, firm compound.

Application (non-perforated gypsum boards)

Apply in usually two operations, depending on required surface quality level. Fill joints fully in the first operation with Knauf Safeboard Filler.

Create a smooth and levelled transition to the board surface with Knauf Uniflott in the second operation with Trowel or Wide Spatula.

Fill screw heads as well.

Sand after complete drying, e. g. with Knauf Abranet Rasp Mesh.

Clean tools and pails after use.

Application time

Hardening starts approx. 30 minutes after sprinkling (at 20 °C). 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 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. Notes of the Code of Practice no. 1 "Baustellenbedingungen" of the BVG (IGG) are to be observed.

Coats and linings

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

Consumption approx. in kg/m² Joint filler Q1 (fill joint) without perimeter connection joints

| Board thickness/type (type of long edges) | Ceiling | Partition | Furrings |
|---|---------|-----------|----------|
| 12.5 mm Safeboard (HRK) | 0.2 | 0.35 | 0.2 |
| 2x 12.5 mm Safeboard (HRK) | 0.4 | 0.7 | 0.35 |
| 3x 12.5 mm Safeboard (HRK) | 0.6 | 1.0 | 0.5 |

Filling of perimeter connection joints in connection with Knauf Trenn-Fix: Approx. 0.15 kg per m perimeter connection joint and per Safeboard cladding layer.

1 kg of Safeboard Filler yields approx. 0.8 l ready-to-use compound

Note: A second filling operation with Knauf Uniflott is required in order to achieve surface quality Q2.

Knauf Direct

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* Call rates to Knauf Direct from within the German landline network: 0.39 € per Min., Callers whose phone numbers are not registered in the Knauf address database, e. g. private builders or non-patrons are charged 1.69 €/Min. Calls from mobile phones may differ and will be charged acc. to net provider and call rate.

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