

Knauf Acoustical Sealant



Product-Data-Sheet

09/2025

Product Description

Knauf Acoustical Sealant is white colored, acrylic based sealant which improves sound insulation and acoustical performance when applied in drywall partitions as per Knauf's Technical Datasheet recommendation.

It can be used as a general purpose sealant for compatible joints involving gypsum board, metal, concrete, cement, wood plastics. The most common application is sealing the space between the surface and Knauf UW metal tracks in all types of drywall partitions. It can be used with both Knauf EN- BS and ASTM drywall systems.

Usage Precautions

- Direct contact of uncured sealant irritates eye and may irritate skin
- Over exposure to vapor may irritate eyes, nose and throat
- Avoid eye and skin contact
- Use with adequate ventilation
- Do not handle contact lenses with sealant on hands.
- In case of eye contact, flush eyes with water for 15 minutes
- Obtain medical attention
- In case of skin contact, remove from skin and flush with water
- Keep out of reach of children

Application

First, prepare the surface. Make sure the area is completely clean, dry, and free of any dirt, oil, or frost.

Once the surface is ready, prepare the cartridge. After prepping the joint and masking the area, attach the nozzle to the cartridge and cut it to the size you need.

Next, apply the sealant. Using steady pressure, fill the gap with the acrylic sealant in one continuous motion. A skin will begin to form on the sealant within 5 minutes. You must complete any tooling or spreading within this 5-minute window. If you used masking tape, remember to remove it before the skin forms.

The sealant will cure from the outside in at room temperature. A primer is usually not needed on non-porous surfaces, but may improve the seal on porous materials. It's always a good idea to do a small test application first to ensure a proper bond.

Consumption

Knauf Acoustical Sealant is a 280ml cartridge that cover approx. 18 lm/cartridge.

Compliance Standards

- **ASTM C834: Standard Specification for Latex Sealants.**

Fixings

Property	Value
Tack free time	18 minutes
Extrusion rate	4.9 g/s
Effects of accelerated weathering	No signs of discoloration, crack, slump, washout and adhesion loss observed
Low temperature flexibility after UV exposure	No signs of cracks or adhesion loss to substrate was observed
De-coloration	No color change observed, visual check = White
Volume shrinkage	12.72%
Recovery & adhesion loss	Recovery = 88% & Adhesion loss = 6%
Stain index	Nil
Slump	No Slump

Paintability

A minimum of 2 hours dry time is required before painting with latex or oil base paint. Allow extra dry time during periods of high humidity and / or above.

Clean up

Excess caulk should be cleaned off, tools and nonporous surfaces while it is in the uncured state using a wet cloth.

Shelf life and storage

- Store the product in a cool, dry location out of direct sunlight
- Avoid storing it for long periods in areas with high humidity or temperatures above 25°C, as this can shorten its shelf life
- Always keep the cartons upright with the nozzle tip pointing up
- Do not lay the cartons on their sides, and stack no more than six cartons high
- When stored properly in their original, unopened packaging, this sealant is good for 12 months from the date of manufacture

Customer Service

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