



PRODUCT DATA SHEET



Knauf Airless Finish Ready-Mixed Compound

Knauf Airless Finish is used as a direct finish coat onto smooth backgrounds such as Knauf Plasterboards, or fair faced concrete panels. Knauf Airless Finish can also be applied as a finishing coat onto Knauf Airless Backing.

Knauf Application

Knauf Airless Finish is recommended for use over plasterboards, composite boards or fair faced concrete surfaces with a two coat application, to taped and jointed drylining systems, or as a finishing coat onto Knauf Airless Backing. Knauf Airless Finish provides a flat surface coating ready for final decoration.

Physical Characteristics

Bag Size	Material No	Pallet Details	
Kg		Bags	Tonnes (Approx)
25	470362	40	1.0

Storage and Handling

Store in a dry, cool location, at a temperature between 10°C to 30°C. For best results use within 12 months of manufacture. See bag for date of manufacture. Keep away from frost and direct sunlight.

Coverage

Approx 15m² per 25kg bag at 1mm thickness, based on a two coat application.

Compliance

Manufactured to EN 15824 harmonised standard, meeting both CE and UKCA requirements.

Performance Data

Fire Performance

Reaction to Fire A2-s1,d0 (limited combustibility)

Application Type

Airless piston pump machine application. Use tip size 531-535 when spray plastering.

Application Thickness

Applied in two coats.

Drying time

This is dependent on application thickness, temperature, ventilation, air humidity and type of substrate.

Mixing

Ready-Mixed product, no dilution required.

Appearance

Off-white finish.

Product Features

- Ready to use, direct alternative to traditional plaster for finishing coat, no mixing required.
- Durable spray-applied finishing plaster.
- Provides smooth flat finish to walls and ceilings.
- Easy to level with minimal need for sanding.
- Extremely smooth consistency for perfect glide of finishing tools.

Application/Installation

Suitable Substrates

Knauf Airless Finish is suitable as direct finish coat onto smooth backgrounds such as plasterboards manufactured to BS EN 520 or fair faced concrete.

Knauf Airless Finish is suitable for use with all plasters and jointing materials manufactured to BS EN 13279-1 and BS EN 13963.

Application Temperature

Should not be used below 5°C or above 30°C. Will have a longer drying time if used between 5-10°C, ventilation and humidity may affect product performance. Do not apply if relative humidity [R.H.] is above 65%.

Installation to dry lined partitions

The use of tapered edge Knauf Plasterboards will provide the best results.

1. Empty Knauf Airless Finish into the hopper of the spray machine or tub.
2. Hand or machine apply the joints with Knauf Fill & Finish Light or Knauf Joint Filler Premium. Bed the joint tape into the joint and level off ensuring the tapes are filled to the shoulder of the taper, fill out the screw heads. Bed paper faced metal beads/flex tape to all internal/external corners. Allow to stiffen, typically Knauf Fill & Finish Light or Knauf Joint Filler will take 12-24 hours; this is dependent on adequate ventilation.
3. Apply an even first coat of Knauf Airless Finish to the walls and ceilings. Level flat with a levelling tool (spatula/trowel). After 10 minutes finish internal/external angles with a corner trowel. Any material removed in the levelling be recycled into the hopper/tub. Allow to dry; this will typically take 12-24 hours.
4. Apply the second coat of Knauf Airless Finish and repeat the process from the first coat, but this time applying more pressure to flatten the surface. Allow to dry; this typically takes 12-24 hours.
5. Check the surface of the walls and ceilings, and sand away any high spots with 180 grit sandpaper. If using sander with vacuum attached use 220 grit sand paper, this method is ideal for reducing dust. Allow 24 hours before commencing decoration. To be installed in accordance with Knauf recommendations and British standard BS 8000-8, BS8212.

Installation to fair faced concrete (FFC) surfaces

FFC, pre-cast concrete panel is a suitable substrate for Knauf Airless Finish.

Complete step **1**.

Fill any large joints or blow holes (5mm plus) with Knauf Joint Filler Premium or Knauf Fill & Finish Light, level flat with levelling tool (spatula/trowel). Bed paper faced metal beads/flex tape to all internal/external corners. Allow to dry; this will typically take 12-24 hours. Note: Joint Filler Premium will require a pretreatment of Knauf Betokontakt prior to application.

Complete steps **3** and **4**.

Poor backgrounds may require multiple coats of Knauf Airless Backing before finishing with Knauf Airless Finish.

Complete step **5**.

To be installed in accordance with Knauf recommendations and British standards BS 8000-0, BS 8212.

Remedial works to plasterboard

Infills: All damaged areas must be repaired prior to the application of Knauf Airless Finish. Once complete apply Knauf Airless Finish in accordance with 'Installation to Dry Lined Partitions'.

To be installed in accordance with Knauf recommendation's and British standards BS 8000-8, BS 8212.

Customer Service

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Technical Service

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Related products

Knauf Airless Finish should be used in conjunction with the following products:

Knauf Joint Tape 51mm x 150m WxL
material no: 258337.



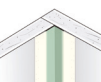
Knauf Flexible Metal Tape 50mm x 30.5m WxL
material no: 314834.



Knauf Dallas B1 External Bead 2.6m/3.0m L
material no: 545983/545994.



Knauf Las Vegas B2 Internal Bead 2.6m/3.0m L
material no: 547280/547314.



Knauf Drywall Angle Bead 2.4m/3.0m L
material no: 258333/ 258334.



Knauf Fill & Finish Light 5/20kg
material no: 601462/601440.



Knauf Betokontakt
material no: 5454.



Knauf Joint Filler Premium 10/20kg
material no: 622340/622342.



Knauf Airless Ready-Mixed Product Range

Knauf Airless Finish
Material no: 470362.



Knauf Airless Backing
Material no: 470359.

Top Tips

Ensure proper ventilation in order to eliminate air humidity and accelerate drying. Clean tools with warm water and cloth.

Health & Safety

Refer to the product MSDS available from our [Resources](#) website.



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