

Q-Spray

Sprayable putty

Technical data sheet

09/2025



Material

Ready-to-use, type 2A, sprayable, paste-like filler.

Composition

A mixture of dolomite powder enriched with a vinyl binder and additives to improve the properties of the compound.

Storage

12 months when stored in the original packaging at room temperature. Protect from freezing, high temperatures, and direct sunlight!

Quality assurance

A product type test has been conducted in accordance with the requirements of EN 13963:2014, and continuous control of the production process is ensured. The product is marked with the CE mark.

Features and Benefits

- Ready to use
- For finishing various surfaces
- Good filling properties
- Good adhesion
- Plastic, cream-like consistency
- Can be applied in layers up to 3 mm thick
- Light sanding (by hand or with a sander)
- Surface quality standard: Q2 - Q4
- For manual and mechanical processing
- For interior use

Application

This joint compound is suitable for filling walls and ceilings, and for creating a finishing coat before painting or wallpapering.

Suitable for creating exceptionally smooth and even surfaces (Q2 - Q4). Can be applied by hand, mechanically, or with a paint roller in a layer up to 3 mm thick.

The finished plaster is intended for:

- gypsum boards,
- gypsum fiber boards,
- plaster,
- concrete/aerated concrete,
- cement boards.

Design

Substrate

The substrate must be dry, clean, free of dust and loose particles, and capable of bearing the load. The surface must be cleaned of any adhesive, paper, or wallpaper residue.

Gypsum boards must be firmly attached to load-bearing substructures and must be dry, clean, and free of dust at the joints. Larger gaps must be filled with Knauf Fugenfüller Leicht or Knauf Uniflott. Previously filled joints must be thoroughly dried and leveled (sanded) flush with the surface of the board.

Priming

No primer is required for gypsum boards.
Highly absorbent or unstable substrates must be primed with Knauf Tiefengrund penetrating primer.

Application

Apply the material by hand (with a roller) or mechanically using an airless sprayer.
Mix the material thoroughly; if necessary, the mixture can be thinned with a small amount (max. 1%) of water.
It is recommended to use the diluted filler within one week!
Use only clean stainless steel tools and containers!

Coating and Finishing

Apply in a layer up to 3 mm thick.
Apply the next layer only after the previous one has dried.
The dry surface must be sanded with sandpaper no later than 3–4 days after application. Use 180–240 grit or finer sandpaper for sanding.
After sanding, prime the surface with Knauf Tiefengrund primer. A surface treated in this way is ready for the application of finishing materials. If the surface is filled and sanded multiple times, it must be primed after each sanding!

Machines/equipment

For applying Q-Spray filler using the “airless” method, sprayers/piston pumps adapted for paste-like fillers are suitable:

- PFT Samba XL,
- PFT Swing airless.

Processing time

The material cures depending on air humidity and ambient temperature, drying evenly.
Average processing time after application ~ 20 min.

Temperature/climate

The air and substrate temperatures during application, as well as until the putty has completely dried, must be above +10 °C. High substrate and air temperatures reduce the working time. Avoid drafts and direct sunlight during application.

Drying

During the drying process, after a longer period of time, the finished Q-Spray putty becomes hard and durable.
Under normal conditions, the drying time for a 2 mm thick layer is ~24 h; a “0 mm” layer dries in 3–4 h. Drying time depends on the surface’s absorbency, layer thickness, air temperature, and humidity in the room.

Cleaning

Wash equipment and tools with water immediately after use.

Instructions

Q-Spray is not intended as a substrate for tiling!

Attention!

A layer of water on top of the material in the bucket is not considered a product defect. In this case, the contents of the bucket must be thoroughly stirred before use to achieve a uniform consistency.

Do not add other materials to Knauf Q-Spray, as this may significantly alter the product’s properties.

Other instructions

Filling can only begin if the room meets the conditions specified in the Knauf panel processing guidelines—humidity and temperature must be within the specified limits. If a poured (plaster, cement) floor is planned, gypsum boards may only be spackled after the floor has been poured.

If the material gets into your eyes, rinse them with plenty of water and seek medical attention.

This technical data sheet specifies the scope of material use and recommended work procedures, but it cannot replace the contractor’s expertise. In addition to these recommendations, work must be performed in accordance with construction requirements. The manufacturer guarantees the quality of the product, but this does not affect the manner and conditions of its use.

In case of doubt, a trial application should be performed.

Work Safety and Waste Collection

Waste identification class:

170904 (see material safety data sheet).

Technical data

| Designation | Unit | Value/Quantity |
|----------------------------------|-------------------|-----------------|
| Type (EN 13963) | - | 2A |
| Density | g/cm ³ | 1.5–1.7 |
| Grain size | µm | ≤ 200 |
| Color | - | white |
| pH level | - | ~ 9 |
| Fire reaction class (EN 13501-1) | - | A2-s1,d0 |
| Melting point | °C | from +10 to +25 |

Technical data apply to a temperature of +20 °C and 50% relative humidity. The specified curing times: higher temperatures accelerate them, lower temperatures slow them down.

Consumption

| Substrate | kg/m ² | 25 kg (package) |
|---------------|-------------------|--------------------------------------------|
| Gypsum boards | 1.58 | ~ 31.6 m ² / 0.5 mm thick layer |

The exact consumption can only be determined on-site by conducting test applications.

Delivery program

| Name | Packaging | Item No. | EAN code |
|---------|--------------|----------|---------------|
| Q-Spray | 25 kg bucket | 00762614 | 4750614007662 |
| Q-Spray | 25 kg bag | 00788136 | 4750614007679 |

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