

## Note on English translation / Hinweise zur englischen Fassung

This is a translation of the product data sheet valid in Germany.

All stated details and properties are in compliance with the regulations of the German standards and building regulations. They are only applicable for the specified products, system components, application rules, and construction details in connection with the specifications of the respective certificates and approvals.

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# KNAUF

## B102.de



Plaster and Façade Systems

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# Knauf Atonol

## Insulating and barrier primer for coatings

### Product description

Knauf Atonol is a ready-mixed insulating and barrier primer for coatings on a synthetic resin emulsion basis filled with fine silica sand, which is pigmented white and alkaline resistant.

#### Order information

12.5 l bucket      Material no. 00078608

#### Storage

Can be stored for at least 18 months in the original unopened container in a cool and frost-free (+5 °C to +25 °C) environment.

Close opened buckets airtight.

Do not expose to direct sunlight or heat.

#### Quality

The product is subject to continuous factory production control.

### Field of application

For interior and exterior use on:

- Gypsum boards and gypsum fibre boards where discolouration is possible due to soluble constituents or yellowing agents
- Firmly bonded dispersion coats
- Mineral substrates

as a barrier primer before the application of:

- Paint coats (e.g. Knauf Diamantweiss E.L.F paint)
- Hybrid spray plaster (e.g. Knauf Diamant-Spritzputz)

### Properties and added value

- For interior and exterior use
- Ready-to-use
- Barrier against lignin and yellowing agents
- Creates bonding substrates
- Pigmented white
- Suitable for hand or machine application

## Application

Substrate	Pretreatment
Renovation and removed wallpaper	Fully remove all paste remnants, sand if necessary, remove sanding dust.
Distemper, peeling paint and other loose sanding and crumbling layers	Remove and repair if required.
Other coats	Use a trial coat to test compatibility.
Plaster block	Remove the dust and treat with Knauf Tiefengrund or Grundol primers.

Allow primer coats to dry for at least 12 hours before continuing work.

### Preparation

Protect easily-soiled building components, particularly glass surfaces, wood, metal, natural stone and floor coverings. Protect weather-exposed surfaces from precipitation.

Observe the Code of Practice "Abklebe- und Abdekarbeiten für Maler- und Stuckateurarbeiten" issued by the Bundesverband Ausbau und Fassade (German only).

### Substrate

The substrate must be

- Stable, dry, firm and sufficiently dimensionally stable
- Dust-free, free of loose components, oil, grease, concrete release agents and treatment agents, sinter layers, impurities and harmful efflorescence. Preliminary tests are necessary with critical substrates, if necessary, crosscut or scratch tests may need to be performed.

### Product application

Stir the contents of the bucket thoroughly before application. Apply Knauf Atonol undiluted and evenly to the full surface as a cross coat using a lambskin roller / brush or spray on by machine with a suitable PFT conveying pump, e.g. SWING and roll in with a lambskin roller. Avoid striation (formation of streaks).

When applying by machine only, add a small quantity of water (max. 0.75 l water to 12.5 l Knauf Atonol) to set the spray consistence. A second coat is necessary in case of discolouration from lignin, phenolic resin or similar substances. Ensure a drying time of at least 12 hours between work steps.

Clean tools directly after use with water.

Remove contaminations of Knauf Atonol (splashes or similar) on the contaminated surfaces preferably in the fresh state with warm water. Dried material can be removed after softening using a wiping cloth.

### Machines / equipment

Machine application using a screw pump (e.g. PFT Swing)

### Drying

Wait with subsequent work until the Knauf Atonol is no longer adhesive and has fully dried (min 12 hours at 20 °C and 65% rel. humidity). Correspondingly longer drying times result from cool and damp site conditions. Absorbent substrates as well as good ventilation reduce the drying times. The time after drying of the Knauf Atonol primer and commencement of the subsequent work should be kept as short as possible to avoid dust depositing on the surfaces.

### Application temperature / climate

The material, substrate and air temperatures during application and until the primer is fully dry should not fall below +5 °C.

### Special notes

Do not mix Knauf Atonol primer with other materials because properties can possibly change significantly.

Knauf Atonol will not act as a barrier against contamination with nicotine.

### Safety instructions

Refer to the safety data sheet

### Disposal

Refer to the safety data sheet

## Technical data

Density:	approx. 1.5 kg/l
Viscosity:	viscous
pH value:	approx. 8

## Material requirement / efficiency

Substrate	Consumption per application ml/m <sup>2</sup>
Smooth substrate	150
Rough substrate	Up to 250

All specifications are approximate values and can deviate depending on the substrate. The exact consumption can only be determined on the individual object.

### Knauf Direct

Technical Advisory Service:

▶ [knauf-direkt@knauf.de](mailto:knauf-direkt@knauf.de)

▶ [www.knauf.de](http://www.knauf.de)

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