TWO-COMPONENT POLYURETHANE PORE FILLER

Poly DN Gel

Two-component A+B

Two-component polyurethane resin with a thick consistency, intended for trowel application to decorative surfaces. In the Resin One system, it is used to close micropores and even out the surface before the roller-applied finish specified by the system.

Intended uses

- Pore-filling treatment of decorative resin surfaces.
- Trowel-applied stage in the Resin One system when required by the porosity of the coating.
- Preparation for subsequent roller-applied Poly DN protection, according to the selected system.

Product data

Property	Value / instruction
System	Two-component polyurethane A+B
Consistency	Thick, suitable for trowel application
A:B ratio	100:20 by weight
Mix preparation	Stir A until uniform and incorporate B in the specified ratio
Tool	Trowel suitable for pore-filling treatment
Application	Thin, even layer without build-up
Recommended interval	8 hours on a dry layer; observe the kit recoating conditions

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Preparation and application

1. Substrate inspection

The coating must be stable, dry and clean. Remove dust, oils, waxes and contaminants. Carry out the surface preparation specified by the Resin One system and remove dust thoroughly.

2. Mixing

Stir component A until uniform and incorporate component B at an A:B ratio of 100:20 by weight. Use a balance and follow the kit instructions for mixing and usable working time.

3. Trowel application

Spread a thin, even layer, working to fill the micropores. Avoid excess material, build-up and ridges. Prepare only the quantity that can be used within the time specified for the kit.

4. Subsequent finish

The pore-filling stage is optional and depends on the condition of the surface. Where required, roller-applied Poly DN is applied to dry Gel prepared according to the system. Check appearance and recoating on a sample.

Application notes

Poly DN Gel is trowel-applied; roller-applied Poly DN has a different application method. Follow the Gel kit instructions for the usable life of the mix and for recoating.

Storage

Store components A and B separately in their respective tightly closed original containers, under the conditions specified on the label. Protect the containers from contamination and reseal after dispensing.

Safety

Consult the Safety Data Sheets and labels of both components before mixing. Wear the specified personal protective equipment and work with adequate ventilation. Do not release the product into the environment.

Document reference

English translation of the Italian technical data sheet currently published at Decoriamonoi.it. Italian source: 01 / 16.11.2026. English edition: 01 / 18 November 2026. The technical values, stated test scope and application limitations of the Italian source are retained.

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