



Features

Grout EPF 01 is a two component Epoxy Resin based grout material, primarily used for filling of pores that open up after initial grinding of floors. The process of mixing, pouring and grinding of the terrazzo floor creates some air voids due to micropores and missing aggregates. The Grout has the following key properties:

- 100% Epoxy
- Solvent-free
- Good penetration
- Excellent adhesion to concrete and metal
- Excellent mechanical and chemical resistance

Appearance

Two component Resin and Hardener.

Specifications

Output/Coverage

Approximately 250 to 300 gm/ m². The yield of the product is theoretical and will vary depending on the porosity or the flatness of the surface to be treated.

Prior to application of grout

Before applying the Grout EPF 01 to fill the pores exposed from the grinding process, the following conditions and checks are most essential:

The floor *must have sufficient and even exposure of the aggregates*. The application of the grout marks the end of the main grinding round, and the commencement of the polishing process. Do not proceed until satisfied with the expected appearance of the floor. If some areas need to be reground or repaired, it must be done before the grouting is starting. The floor must be thoroughly washed, cleaned, and dried by strong vacuum. Ensure there is no grinding residue left behind in the pores, as the residue will prevent adhesion of the grout, and will come off during the subsequent polishing process. Use compressed air if required for cleaning the pores.

Application/Installation Method

Stir well to mix individually both the components before use. Use a slow speed stirrer to mix both the content till homogeneity is achieved. Apply the grout with a spatula or a flat trowel. Ensure that pores are properly filled and levelled. A recheck of the filling may be necessary after 15- 30 minutes. Refill with grout if necessary. Leave to dry in a ventilated room overnight in suitable environmental conditions at +25°C to 35°C and 50-70% RH. (otherwise optimal results may not be achieved and

drying times may vary). Longer drying times up to 2-3 days may be required in adverse conditions.

Start the polish process after 1-2 days. If after one subsequent round of polish, the pores open to an unacceptable level, it points to incomplete grouting, and the grouting process may have to be repeated.

Curing

Drying time overnight, and final cure in 3-7 days depending on ambient conditions.

Packing

5 kg plastic bucket for Part A and 1.8 kg in bottles for Part B

Shelf Life

Minimum 6 months form date of purchase.

Precautions

The product is intended for professional use and with proper PPE equipment only.

Before use of material, premixing of Part A of resins may be required before use to achieve uniform colour dispersion.

Avoid puddles on the surface with the material. Work in temperature ranges between 12 to 30 °C

Technical Support

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Disclaimer

Any recommendations for application techniques are based on experiences. It is advisable to adapt processing techniques and material quantities to the given local conditions and we refer in this context to our general terms of sale and delivery. Test areas are strongly recommended before usage/execution in larger areas.

Health Precautions

Please use usual care required for handling chemicals and use suitable Personnel Protection Equipment. Please ask for safety data sheets.

Disposal

Dispose off in compliance with the local and national regulations in force.

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