



Palatine 2K Epoxy Dust Sealer Matt Finish

Palatine 2K Epoxy Dust Sealer Matt Finish is a 2-component pigmented epoxy dust sealer with a matt finish and good UV stability.

Palatine 2K Epoxy Dust Sealer Matt Finish can be used on new and old concrete in areas such as warehouses, production areas to provide a coloured dust proof seal.

Substrate Preparation

Prepare the substrate by either light vacuum shot blasting / or grinding and remove rough contamination by grinding (as required). The surface must exhibit a minimum compressive strength of minimum 25 N/mm² and adhesive strength of minimum 1.5 N/mm². The surface must be clean and free of dust and loose particles. All traces of contaminants, including oils, fats, grease, paint, chemical and laitance should be removed. Any cracks or damage should be properly remedied prior to application.

Application Instructions

Prior to application, the material should be heated to an ambient temperature (air and floor temperature).

The A component should be stirred for 1–2 minutes before added entire contents of B component and mixing for further 2–3 minutes. Use a slow speed drill and helical spinner, taking care not to entrain air. Subsequently the mix can be diluted with upto 10% water (maximum) into the first coat only. The material should be sieved by pouring into another container (either with a paint filter with 0.6–1.0 mm mesh size, or with a household sieve with inlaid fly screen or similar fabric, mesh size <1 mm). We recommend the application by equal batch numbers.

The product is poured immediately onto the prepared surface and applied with a roller or rubber squeegee. A seconded coat is normally recommended. Pooling should always be avoided as this will lead to variations in the visual appearance of the cured material.

In order to ensure a fast evaporation of the water, the relative air humidity should not exceed 85% during processing and curing. Air circulation is recommended however drafts should be avoided. Direct sunlight, high temperatures and low humidity cause rapid curing and should be avoided as otherwise it may lead to skin formation, approaches or visible rake marks)

We recommend the application by equal batch numbers and it is also important to keep a wet edge between two pours of material as they will otherwise be visible

Liquid Mixture

Consumption

0.10 – 0.15 kg/m²

Film Thickness

0.12 mm (for 2 coats)

Application

Temperature 15 – 25°C

Packaging (Unit Sizes)

15.0 kg & 30.0 kg

Colour

Refer to Palatine Colour Chart

Shelf Life

12 months

Storage

Dry conditions 10 – 25°C, avoid direct sunlight, protect from frost.

Working Time

~50 minutes

Foot Traffic

6 – 8 hours @ 20°C

Overcoating Window

Within 24 hours

The typical physical properties given above are derived from testing in a controlled laboratory environment at 20°C. Results derived from testing field applied samples may vary dependent upon site conditions.

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Overcoating

The second layer should be applied within 24 hours. After this time the surface will require light abrasion.

Cleaning & Maintenance

For the long-term maintenance of the properties of polymer flooring materials, a regular cleaning and care programme is recommended.

Further Information

Information relating to the safe handling of this product can be found in the Material Safety Data Sheet. Local regulations concerning the safe handling of epoxy resin based coating materials must be observed. Suitable protective clothing including suitable eye protection must be worn at all times.

All consumptions listed are for recommendation purposes only. Detailed application instructions and system build-up advice can be provided on request through our Technical Services team.

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