

vebro EP Sealer (Semi-Gloss)

vebro EP Sealer (Semi-Gloss) is a two-component, pigmented epoxy dust sealer with a semi-gloss finish and is suitable for application onto damp surfaces.

vebro EP Sealer (Semi-Gloss) can be used on new and old concrete in areas such as warehouses, production areas, dairies, abattoirs, food preparation areas to provide a coloured dust proof seal.

vebro EP Sealer (Semi-Gloss) can also be applied as a swimming pool coating for rendered pools giving long life and high wear resistance. The product can be thinned with between 5% to 10% water by weight or volume.

Substrate Preparation

Prepare the substrate by 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/mm^2 and an adhesive strength of minimum 1.5 N/mm^2 . 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. New concrete should be at least 14 days old with a relative humidity below 100% RH.

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 up to 10% water (maximum). 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 second coat is recommended. Pooling should always be avoided as this will lead to variations in the visual appearance of the cured material.

If a non-skid finish is required then oven-dried silica sand or quartz sand aggregate of a suitable particle size can be applied to the first or second coat whilst still tacky, depending on the finish required.

Liquid Mixture

Consumption

0.10 – 0.15 kg/m^2

Film Thickness

(8 microns) per coat

Application Temperature

10 – 30°C

Packaging (Unit Sizes)

20.0 kg

Colour

See Vebro Polymers
Colour Bible

Shelf Life

12 months in original
unopened container.

Storage

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

Working Time

~30 mins @ 20°C

Foot Traffic

8 – 10 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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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.

Please note, the second layer should be applied after 7 hours but no longer than 24 hours. After this time has elapsed 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 polyurethane 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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Vebro Polymers' systems and products are guaranteed against defective material and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request. For more information, please refer to individual product data sheets or contact our Technical Services team.

Vebro Polymers accepts no responsibility for liability claims based on the suggested practises and data values listed on product data sheets. Product data sheets are regularly updated and it is the user's responsibility to ensure they obtain the most recent version. The most recent versions can be found at www.vebro polymers.com

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