

Peran EPW Sealer



Description

Peran EPW Sealer is a 2-component water-soluble epoxy, and is available as transparent or pigmented with a gloss or matt finish. It is applied in thicknesses of 150-250 µm. A normal thickness after two coats is approx. 175 µm.

Applications

Peran EPW Sealer is a simple and wear-resistant floor paint for light-industry, warehousing, cellars, boiler rooms, access balconies and balconies in general, etc.

Advantages

- Wear-resistant, dust-free and easy to clean
- Excellent alternative on smooth concrete surfaces
- Rapid installation
- Good chemical resistance and watertight
- High dry content
- Fire safety characteristics: complies with class G in accordance with type approval certificate No. 1721/75 SITAC

Standard colour chart



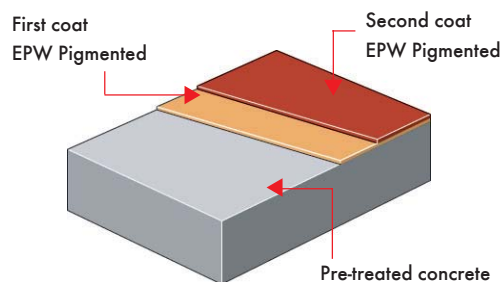
The above colours may differ somewhat from reality (the closest NCS number is in brackets). Contact our Customer Services for a true colour sample or a special colour.

System guide

	Fire safety approved	Impermeability	Slip resistance	Cleanable/Hygiene	Impact resistance	Wear resistance	Thermal load	ESD adaption	Chemical resistance	Heavy traffic	Scratch resistance
EPW Sealer	5	0	1	4	1	1	1	0	3	1	2

The above table shows how well the systems comply with different characteristics. A scale of 1-5 indicates how well the characteristics are complied with, where 5 is the best value.

System design



Planning Guidance

New concrete floor: Laitance is removed, e.g. with a diamond-grinder.

Old concrete floor, possibly with worn or loose paint: Wash if necessary, and use a diamond-grinder to produce a clean concrete surface.

Older epoxy or acrylic coatings with satisfactory adhesion: Wash if necessary, and diamond-grind, blast or scour.

Note the following: The quality of the concrete in the substrate should correspond to the relevant tolerance classes and the requirements for operations in the room. Contact the supplier for advice if there are impurities, such as oils etc., in the concrete. Take preventive measures to prevent rising damp in floors at ground level. This implies the requisite drainage and capillary barrier, and where appropriate insulation, to prevent both capillary absorption of water and water vapour pressure

- The requisite filling is implemented with Peran epoxy filler or special cement filler. Check that slopes and gradients are correct.
- Maximum permitted moisture in the substrate is 97% RH.

Specification Text

Peran EPW Sealer

Supplier: Peran AB.

Telephone: Customer Service +46 435 380 00.

Colour No. xxx. Thickness: e.g. 175 μ m. Gloss or matt finish. Preparatory work and application in accordance with the supplier's instructions.

The work should be performed by an authorised Peran contractor and with documented quality assurance.

Cleaning & Maintenance

The surface is kept clean by brushing, vacuum cleaning, wet mopping, or with a scouring machine with a revolving brush. Detergent with a pH of between 3-14 in dosed form can be used. Strong solvents such as acetone and thinners etc. should not be used.

Damaged or worn coatings are best rectified by an authorised Peran contractor.

Environmental Considerations

The end product is assessed as presenting no danger to health or the environment.

Seamless bonding and high surface impermeability provide significant benefits in terms of hygiene and the environment. The surface is easy to clean and requires little use of chemicals. The product's high resistance to wear ensures a long service-life and reduces the need for repairs and maintenance.

The surface provides an excellent underlay for future renovation treatment with Peran Systems.

Technical Information

Application temperature (hardened system) between -20°C and 60°C .

Peran EPW Transparent

Can be painted over after 6 hours at 18°C

Can be walked on after 12 hours at 18°C

Completely hardened after 5-7 days

Peran EPW Pigmented

Can be painted over after 12 hours at 18°C

Can be walked on after 12 hours at 18°C

Completely hardened after 5-7 days

Dry content by weight

Peran EPW Transparent Gloss: approx. 44%

Peran EPW Pigmented Gloss: approx. 60%

Peran EPW Pigmented Matt: approx. 65%

Products included in the System:

Peran EPW Transparent, or

Peran EPW Pigmented

Please contact us
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Our sales representative:

