

Peran PGF Coating Flakes



Description

Peran PGF Coating Flakes is a decorative coating of 2-component epoxy which does not contain solvent and is available in a wide range of different colours. It is easy to achieve different pattern effects with different flakes. Thickness ca. 1 mm.

Applications

Peran PGF Coating Flakes is suitable for environments with high standards of hygiene and cleanliness, such as laboratories and clean rooms. The decorative, wear resistant coating is ideal for shops, showrooms and toilet/shower areas etc.

Advantages

- Watertight coating with very high resistance to chemicals
- Easy to clean
- Very high resistance to wear
- Extensive design potential
- Available with anti-slip protection
- Fire safety characteristics: complies with class G in accordance with type approval certificate No. 1721/75 SITAC

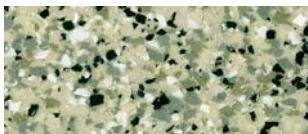
Standard colour chart



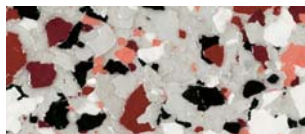
Grey 1923



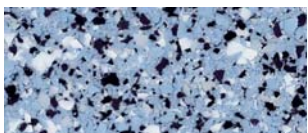
Red 5923



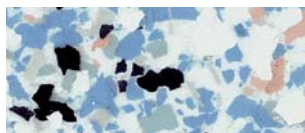
Grey 1924



Red 5914



Blue 2923



Blue 2914



Green 3923



Yellow 4913

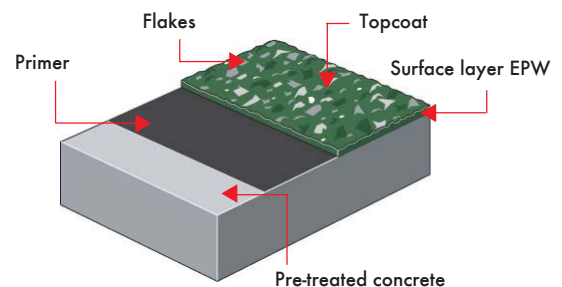
The above colours may differ somewhat from reality. Contact our Customer Services for true colour samples or special colours.

System guide

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

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 by blasting or diamond-grinding.

Old concrete floor, possibly with worn or loose paint: Wash if necessary, and diamond-grind, blast or scour to produce 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.
- Maximum permitted moisture in the air when applying polyurethane-based products is 75% RH.
- Connections to grille drains, drainage channels and gutters, and connections to other areas, coves and skirting, should be implemented in accordance with our drawings.

Specification Text

Peran PGF Coating Flakes

Supplier: Peran AB.

Telephone: Customer Service +46 435 386 30.

Colour No. xxx. Thickness approx. 1 mm. 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. High strength and resistance to wear ensure a long service-life and reduce the need for repairs and maintenance.

The surface provides an excellent underlay for a new coating in future renovation.

Technical Information

All Peran Systems are tested in accordance with industrial standards for seamless thermoset plastic flooring in Europe.

Property	Test method
Wear resistance	Taber abrasion test, DIN 53 754
Slip resistance	Pendulum slip resistance test BS 6677
Chemical resistance	5-grade scale
Fire safety class G	SS 024825 (NT Fire 007) IMO Res. FTPC Part 2 and Part 5

Test results are obtainable from our Customer Service.

Products included in the System:

Peran EPW Pigmented Primer

Peran EPW Pigmented surface layer

Peran Decorative flakes

Peran coloured aggregate if antislip performance is needed.

Peran STC as the first topcoat

Peran PG as the second topcoat

Please contact us
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www.peran.com

Our sales representative: