

Peran Comfort (2 - 3 mm)



Description

A satin matt self-smoothing flexible polyurethane resin floor finish ideal for a minimalist, modern, and contemporary environment.

Uses

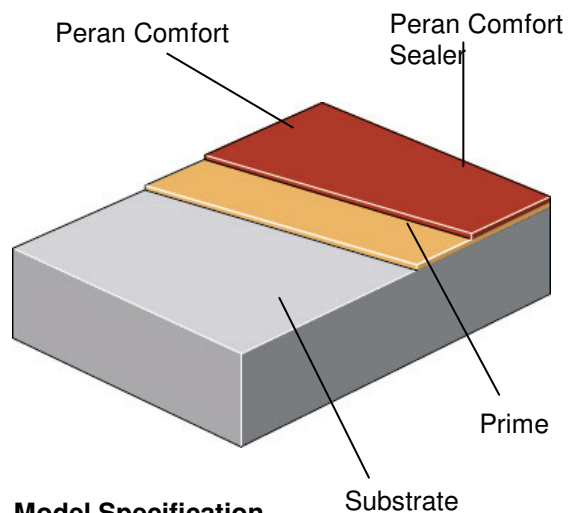
Ideal for areas with intensive traffic such as offices, shops, department stores, supermarkets, restaurants, hospitals and schools.

To achieve the best aesthetics, the system must be laid in an ultra-clean environment (e.g. free from dust, hairs, fluff etc.).

Benefits

- Attractive and colourful floor finish.
- UV resistant.
- Self smoothing.
- Hard wearing.
- High chemical resistance.
- Solvent free; low odour.
- Resilient and sound dampening.

System Design



Standard colour chart



Jet Black



Signal White



Pebble Grey



Light Grey



Oyster White



Light Blue



*Traffic Yellow



*Signal Blue



*Traffic Red



*Traffic Orange

*Bright Colour Range (additional cost)

The applied colours may differ slightly from the examples shown above. Contact our customer services for a true colour sample or a special colour match.

Model Specification

Product: Peran Comfort

Finish: Satin matt

Thickness: (2 or 3 mm)

Colour: As per standard colour chart

Preparatory work and application in accordance with suppliers' instructions.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. If no damp proof membrane is present Hydraseal DPM can be incorporated directly beneath the Peran Comfort system.

Products Included in this System

Primer: Flowprime @ 0.25 kg/m²
(Porous substrates may require 2 coats)

Topping: Peran Comfort @ 2.8 kg/m² (for 2 mm)
or
Peran Comfort @ 4.2 kg/m² (for 3 mm)

Sealer: Supersatin @ 0.08 kg/m²

Polish: Kwikshine @ 0.02 – 0.03 kg/m²
(apply 2-3 coats as above)

Detailed application instructions are available upon request.

Installation Service

The installation should be carried out by a Flowcrete approved contractor with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our web site www.flowcrete.com.

Environmental considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

Focus on the Floorzone

Flowcrete Group plc are world leaders in specialist industrial and commercial flooring. Systems available include: underfloor heating systems, floor screeds, surface damp proof membranes, decorative floor finishes, seamless terrazzo, car park deck waterproofing and corrosion protection systems. Our objective is to satisfy your Floorzone needs.

Important Note

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20 °C and at 50% Relative Humidity.

Fire Resistance Class 1 < 50 mm (DIN 4102)

Slip Resistance Dry >40 low slip potential
Method described in BS 7976-2 (in accordance with HSE and UKSRG guidelines)
(typical values for 4-S rubber slider)

The slipperiness of flooring materials can change significantly, due to the installation process, after short periods of use, due to inappropriate maintenance or longer-term wear.

To meet slip resistance value requirements for wet conditions, textured systems are recommended - please contact our Technical Advisors for further details and specifications.

Abrasion Resistance BS 8204-2 Class AR2 – Medium duty industrial and commercial.

Temperature Resistance Tolerant of sustained temperatures up to 40 °C.

Water Permeability Nil - Karsten test (impermeable)

Chemical Resistance Water, waste water, detergents (tests required), diluted acids and alkalis

Elongation at break 50-100% (DIN 53504)

Shore A Hardness Approx. 80 (DIN 53505)

Bond Strength Greater than cohesive strength of 25N/mm² concrete. >1.5 MPa.

Toxicity Inert and harmless when cured

Complies with BS 8204-6/FeRFA category 5.

Speed of Cure (from the application of the Peran Comfort Sealer)

	10 °C	20 °C	30 °C
Light traffic	48 hrs	24 hrs	16 hrs
Full traffic	96 hrs	48 hrs	48 hrs
Full chemical cure	14 days	5 days	4 days

Life Expectancy

6 - 8 years (regular foot traffic and occasional hard plastic-wheeled trolleys) dependant on thickness and subject to correct maintenance regime.

Aftercare - Cleaning and Maintenance

Clean regularly in conjunction with a neutral detergent /floor maintainer and dry burnish. Maintain the surface appearance with a suitable satin matt high solids metalized floor polish as required (dependant on levels of traffic); Flowcrete recommends Kwikshine. Please contact our Technical Advisors for further details and cleaning documents.

Further Information

To ensure you are specifying a fit for purpose flooring system for your project please consult our Technical Advisors on the number below, or visit our website to register your interest in specifying one of the most durable floors on the market.

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