

Peran Comfort (2 - 3 mm)



Description

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

Uses

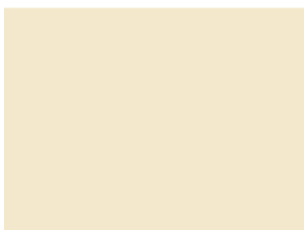
Ideal for areas with intensive traffic such as offices, shops, department stores, supermarkets, restaurants, hospitals and schools.

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

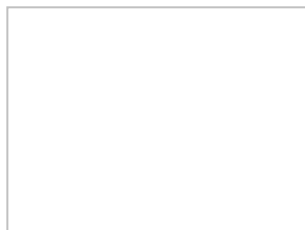
Benefits

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

Standard colour chart



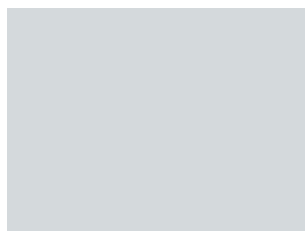
Oyster White (near to RAL 1013)



Signal White (near to RAL 9003)



Pebble Grey (near to RAL 7032)

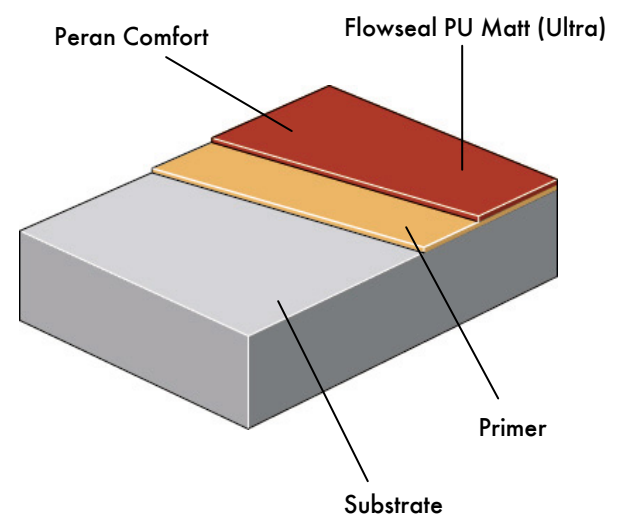


Light Grey (near to RAL 7035)

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. Other colours are available to special order in minimum quantities of 300 kg.

Note: Special colours will be priced on application.

System Design



Model Specification

Product: Peran Comfort

Finish: Matt

Thickness: _____ (2 or 3 mm)

Colour: _____

Preparatory work and application in accordance with suppliers instructions. Supplier: Flowcrete UK Ltd
Telephone: Customer Service +44 (0) 1270 753000

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

Standard system:

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

Topping: Peran Comfort @ 2.6 kg/m² (for 2 mm)
or
Peran Comfort @ 3.9 kg/m² (for 3 mm)

Sealer: Flowseal PU Matt (Ultra) @ 0.1 kg/m²
(total for 2 coats)

Optional Polish: TASKI Jontec Matt @ 0.02 – 0.04 kg/m² per coat
* (apply 2-3 coats as above)

Medium flexibility system:

Primer: Peran STC @ 0.25 kg/m²
Deckshield SF @ 1.0 kg/m²

Topping: Peran Comfort 1.5mm @ 2.0 kg/m²

Sealer: Flowseal PU Matt (Ultra) @ 0.1 kg/m²
(total for 2 coats)

Optional Polish: TASKI Jontec Matt @ 0.02 – 0.04 kg/m² per coat
* (apply 2-3 coats as above)

* if required to provide a maintainable polish finish.

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.co.uk.

Note

No resin system is totally colour fast and may change colour over time (exhibits a yellowing effect). Colour change depends on the UV light and heat levels present and hence the rate of change cannot be predicted. This is more noticeable in very light colours but does not compromise the product's physical or chemical resistance characteristics. We have endeavoured to adopt colours within our standard range which minimise this change.

Intensively coloured products (e.g. hair colorants, medical disinfectants etc.) and plasticizer migration (e.g. from rubber tyres) can lead to irreversible discoloration in the surface. Please contact our Technical Services Department for further advice.

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.

Technical Information

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

Reaction to fire	B _{FL} - s1	EN 13501-1
Impact Resistance	4 Nm	EN ISO 6272
Wear Resistance	< 100 µm wear depth	EN 13892-4
Bond Strength	1.5 N/mm ²	EN 13892-8
Release of corrosive substances		SR (Synthetic resin screed)
Elongation at break	50-100%	DIN 53504
Shore A Hardness	Approx. 80	DIN 53505
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
Toxicity		Inert and harmless when cured
Slip Resistance		Dry >40 low slip potential
	Method described in BS 7976-2 (typical values for 4-S rubber slider)	(in accordance with HSE and UKSRG guidelines)

The slipperiness of flooring materials can change significantly, due to the installation process, after short periods of use, due to inappropriate maintenance, longer-term wear and/ or surface contaminants (wet or dry).

Textured systems are recommended to meet slip resistance value requirements for wet conditions and/ or surface contaminants (wet or dry) - please contact our Technical Advisors for further details and specifications.

Complies with BS 8204-6/FeRFA category 5.

Speed of Cure (from the application of the Sealer)

	20 °C, 50% RH
Light traffic	12 - 14 hrs
Full traffic	2 - 3 days
Full chemical cure	7 days

Aftercare - Cleaning and Maintenance

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

Important Notes

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.

Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Flowcrete UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.