

## Peran Comfort (2 - 3 mm)



### Description

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

### Uses

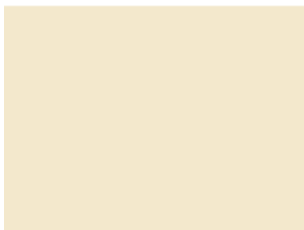
Ideal for areas with intensive traffic such as offices, shops, department stores, supermarkets, restaurants, hospitals and schools.

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

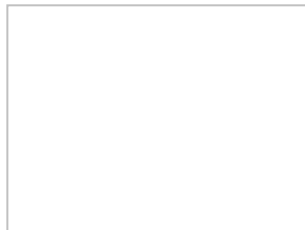
### Benefits

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

### Standard colour chart



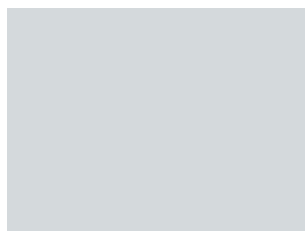
Oyster White (near to RAL 1013)



Signal White (near to RAL 9003)



Pebble Grey (near to RAL 7032)

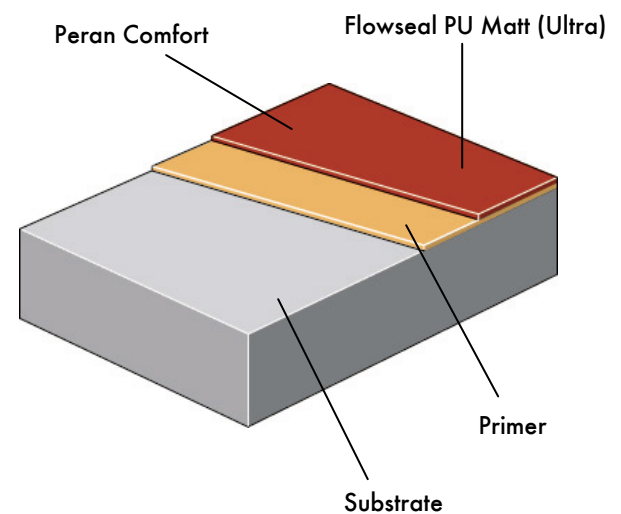


Light Grey (near to RAL 7035)

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/mm<sup>2</sup>, 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/m<sup>2</sup>  
(Porous substrates may require 2 coats)

Topping: Peran Comfort @ 2.8 kg/m<sup>2</sup> (for 2 mm)  
or  
Peran Comfort @ 4.2 kg/m<sup>2</sup> (for 3 mm)

Sealer: Flowseal PU Matt (Ultra) @ 0.1 kg/m<sup>2</sup>  
(total for 2 coats)

Polish: TASKI Jontec Matt @ 0.02 – 0.04 kg/m<sup>2</sup> per coat  
(apply 2-3 coats as above)

### Medium flexibility system:

Primer: Peran STC @ 0.25 kg/m<sup>2</sup>  
Deckshield SF @ 1.0 kg/m<sup>2</sup>

Topping: Peran Comfort 1.5mm @ 2.1 kg/m<sup>2</sup>

Sealer: Flowseal PU Matt (Ultra) @ 0.1 kg/m<sup>2</sup>  
(total for 2 coats)

Polish: TASKI Jontec Matt @ 0.02 – 0.04 kg/m<sup>2</sup> per coat  
(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.co.uk](http://www.flowcrete.co.uk)

## 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 are market 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.

## Technical Information

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

<b>CE</b>		
13		
EN 13813 SR-AR1-B1.5-IR4 Synthetic screed material for use internally in buildings		
Reaction to fire	B <sub>s1</sub> - s1	(EN 13501-1)
Impact Resistance	IR4	(EN ISO 6272)
Wear Resistance	AR1	(EN 13892-4)
Bond Strength	B1.5	(EN 13892-8)

Slip Resistance  
Method described in BS 7976-2 (typical values for 4-S rubber slider)

Dry >40 low slip potential (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.

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)

Toxicity Inert and harmless when cured

Complies with BS 8204-6/FeRFA category 5.

### Speed of Cure (from the application of the Sealer)

	<b>20 °C, 50% RH</b>
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. 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 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.

## 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.