

## Peran Comfort

### Product sheet

#### Product description

Peran Comfort is a self-smoothing, coloured 2-component, UV resistant, polyurethane-based floor coating.

#### Uses

Peran Comfort is used as a light stable, flexible, coloured coating when aesthetics are paramount. The finished surface becomes smooth, impermeable, and easy to clean. Peran Comfort is a self-smoothing product applied in coats of 2 - 3 mm and must be overcoated with Flowseal PU Matt (Ultra) to give a wearable surface. The installed Peran Comfort system should then be finished and maintained with a satin matt high solids metalized floor polish to maintain the aesthetics.

**Note:** It is important to apply the sealer in an ultra-clean environment (like a crime scene) with plastic protection covering all doorways and vents, personal protection to prevent body hairs falling and very high quality fluff-free synthetic rollers.

#### Environment & Health

Peran Comfort is a solvent free product, and practically odourless during application. Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken.

For more information, please refer to the safety datasheets for the individual components.

#### Ratio of components

2.5 parts of component A are mixed with 1 part of component B by weight.

Add all of Hardener B to Base A. Mix with a slow speed drill and helical spinner, taking care not to entrain air. It is advisable to pour mixed contents into a second container and re-mix to ensure the product is homogenous and no soft spots are seen in the applied coating.

#### Application temperature and humidity

The substrate temperature must be no less than 12°C and no more than 30°C.

The material temperature must be 15-25°C.

The temperature of the substrate should exceed the "dew point" by 3°C during application and hardening. Temperatures should not fall below 12°C in the 24 hrs after application.

To avoid dew point, the ambient Relative Humidity should be less than 75% at 12°C and less than 85% above 23°C during application and cure.

#### Application time/pot life

Ready-mixed product must be used within 25 minutes at a temperature of 23°C.

At higher temperatures the application time is shorter.

## Curing time

	12°C	23°C	30°C
Light foot traffic	36 hours	24 hours	16 hours
Full traffic	72 hours	48 hours	24 hours
Full chemical cure	7 days	5 days	2 days

## Overcoat times

	12°C	23°C	30°C
Minimum	36 hours	24 hours	16 hours
Maximum	48 hours	36 hours	24 hours

Do not cover or wash within the minimum curing times in the table above.

## Colours

See the Peran Comfort System data sheet.

## Finish

Matt with Flowseal PU Matt (Ultra) - must be sealed.

## Solids content

Approx. 100 %

## Density

Component A approx. 1.4 kg/l.  
Component B approx. 1.15 kg/l.  
A+B approx. 1.3 kg/l.

## Storage

12 months in unopened pack at a temperature of 15-25°C.  
At temperatures below 15°C crystallisation may occur (please contact the Flowcrete Technical department).  
Protect from weather and moisture/contaminant ingress.

## Packaging

The product is delivered A+B in the following packs:-

Unit	Peran Comfort Base A	Peran Comfort Hardener B
17.5 kg (13.1 litres)	12.5 kg	5 kg

**CE Mark** – see the Declaration of Performance for details.

*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.*