

## Peran ESD SL

### Product sheet

#### Product description

Peran ESD SL is a self-smoothing, coloured 3-component epoxy-based floor coating.

#### Uses

Peran ESD SL is used where there are special requirements for the dispersion of static electricity. It is also used where there are stringent requirements for imperviousness, fluid tightness, chemical resistance, wearing strength, hygiene and cleanability. Peran ESD SL (economic) utilises the same Base A and Hardener B components with a smaller filler pack to increase fluidity and aid lower application thickness.

#### Environment & Health

Peran ESD SL is a solvent and nonylphenol free product, and practically odourless. 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

The product is supplied as A+B+C. Do not split the compounds/components as this may jeopardise the end result.

Add all of Hardener B to Base A and mix before adding Filler C. Ensure that all Filler C is mixed in from the sides of the container and fully dispersed throughout the mix. Mix with slow speed drill and helical spinner, taking care not to entrain air.

#### Application temperature

For Peran ESD SL, the recommended substrate and product temperature is 15-25°C, but no less than 10°C. For Peran ESD SL (economic), the recommended substrate and product temperature is 18-25°C, but no less than 15°C.

The temperature of the substrate should exceed the "dew point" by 3°C during application and hardening. Temperatures should not fall below 5°C in the 24 hrs after application.

#### Application time/pot life

Ready-mixed product should be used within 30 minutes at a temperature of 20°C. At higher temperatures the application time is shorter.

#### Curing time (20°C)

Can be walked on after 15 hours.

The product is fully hardened after 5-7 days.

High humidity in the early stages of cure can result in white, matt surfaces (blooming).

Do not cover or wash within the first 24 hours of curing.

## Colours

See the System data sheets, Peran ESD SL.

## Solids content

Approx. 100 %.

## Finish

Gloss.

## Density

Component A approx. 1.26 kg/l.

Component B approx. 1.05 kg/l.

Component C approx. 2.65 kg/l.

Peran ESD SL A+B+C approx. 1.70 kg/l.

## Storage

12 months in unopened pack at a temperature of 5-40°C.  
Protect from weather and moisture/contaminant ingress.

## Packaging

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

### Peran ESD SL (New pack size from March 2014)

Unit	Base A	Hardener B	Filler C
27.2 kg (16 litres)	7.7 kg	3.5 kg	16.0 kg

### Peran ESD SL (economic) - manufactured to order

32 kg (18.8 litres)	11.0 kg	5.0 kg	16.0 kg
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### Peran ESD SL (Old pack size)

Unit	Base A	Hardener B	Filler C
39 kg (22.9 litres)	11.0 kg	5.0 kg	23.0 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.*