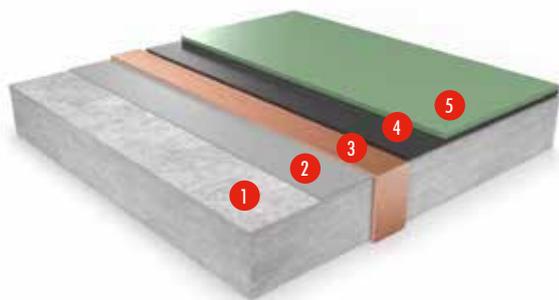


Peran ESD SL20 (1.5 - 2.0 mm)

An epoxy, antistatic, self-leveling flooring system with smooth and glossy finish.



- 1 Prepared Substrate
- 4 Peran ESD Primer WB
- 2 Primer
- 5 Peran ESD SL20
- 3 Conductive grid



Attractive:

Enhances the appearance of working environment.



Anti-Static:

Meets anti-static requirements of EN IEC 61340-5-1 and DIN VDE 0100-410.



Hygienic:

Provides a seamless finish that is easy to clean and maintain.

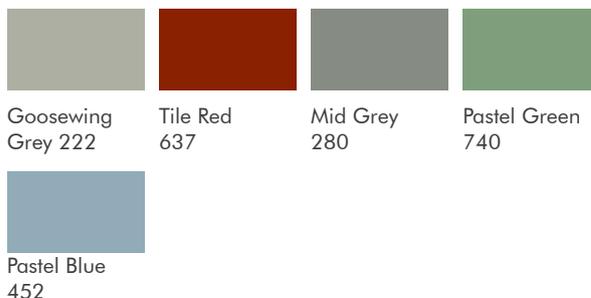


Hard Wearing:

Used in dry process areas where the floor is subjected to medium to heavy duty foot traffic as well as medium-duty rubber wheeled trolley, pallet truck and forklift traffic.

FIRE RESISTANCE	
EN 13501-1	C _{fl} -s1
ELECTRICAL PROPERTIES	
EN 61340-4-1	R _g ≤ 1 × 10 ⁹ [Ω] resistance to ground
EN 1081	R _g ≤ 1 × 10 ⁶ [Ω] resistance to ground R2
EN 61340-4-5	< 100 [V] maximum body voltage generation
	R _g ≤ 1 × 10 ⁹ [Ω] person/footwear/flooring system
DIN VDE 0100-600	R _g > 10 ⁵ [Ω] insulation resistance
SLIP RESISTANCE	
EN 13036-4	Dry > 40 (low slip potential)
IMPACT RESISTANCE	
EN 6272-1	IR20 (20 Nm)
ABRASION RESISTANCE	
EN 13892-4	AR0,5 (≤ 50 μm)
TEMPERATURE RESISTANCE	
Tolerant up to 70°C (intermittent) or 50°C (sustained)	
BOND STRENGTH	
EN 13892-8	B2.0 (≥ 2.0 Mpa)

SPEED OF CURE	10 °C	20 °C	30 °C
Light Traffic	36 hrs	24 hrs	12 hrs
Full Traffic	72 hrs	48 hrs	24 hrs
Full Chemical Cure	12 days	7 days	5 days



The applied colours may differ from the examples shown.
For a full colour chart and samples, contact your local Tremco CPG office.



Model Specification

System	Peran ESD SL20
Finish	Gloss
Thickness	1.5 - 2.0 mm

Preparatory work and application in accordance with manufacturer's instructions.

Products Included In This System

Primer	Flowprime @ 0.25-0.5 kg/m ² or Flowprime LW 0.25-0.35 kg/m ² or Protop 1000 @ 0.25-0.5 kg/m ²
Conductive Grid	Conductive grid of 9-12 mm wide copper tape with conductive adhesive
Anti-Static Primer	Peran ESD primer WB @ 0.1 - 0.15 kg/m ²
Topping	Peran ESD SL20 @ 2.7kg/m ² (for 2 mm) or @ 2.0 kg/m ² (for 1.5 mm). The application of the Peran ESD SL20 requires a smooth substrate with a limited surface profile in order to get a stable resistance to earth and smooth visual appearance.

Detailed application instructions are available upon request.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS8203 (4.5% on Tramex scale) for Protop 1000, 93% RH as per BS8203 (5.5% on Tramex scale) for Flowprime 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 ESD SL20 system.

Application of low-thickness variant (1.5 mm) may require additional re-profiling of substrate to achieve best visual effect. Consult our Technical Service for more details.

Installation Service

The installation should be carried out by a Tremco CPG UK approved contractor with a documented

quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our website www.flowcrete.eu

Aftercare, Cleaning & Maintenance

Clean regularly in conjunction with a neutral detergent or mild alkaline detergent.

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 colourants, medical disinfectants etc.) and plasticizer migration (e.g. from rubber tyres) can lead to irreversible discolouration 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 and maintenance. Environmental and health considerations are controlled during manufacture and application of the products by Tremco CPG UK staff and fully trained application teams.

Important Notes

Tremco CPG UK products are guaranteed against defective materials and manufacture and are sold subject to our standard 'Warranty, Terms and Conditions of Sale', copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages. Please review warranty in detail before installing the products.

Tremco CPG UK Ltd 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 Tremco CPG UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Tremco CPG UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.

System Datasheet written for Tremco CPG UK Ltd. Please consult Technical Team in your own country region for specific details. [01/03/25, 01 UK]