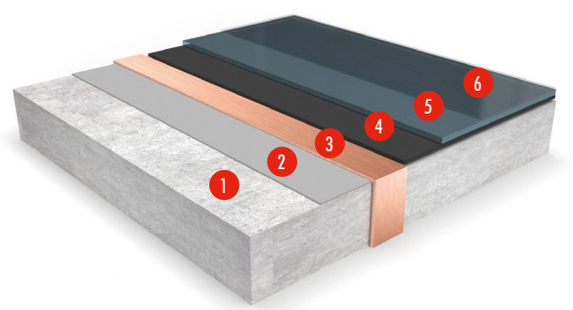
Flowcrete
for the world at your feet

Epoxy

Peran ESD STB Compact
(3 mm)

An epoxy-based, slip-resistant floor system that disperses static electricity.

Method 1: Semi-conductive coating, 10^6-10^9 Ω
Method 2: Conductive coating, 10^3-10^6 Ω



1. Prepared Substrate
2. Peran STC
3. Copper Grid
4. Peran ESD Primer or Peran ESD Primer WB, scattered with Peran ESD Compact Primer Sand
5. Peran ESD Compact
6. Peran STC

Attractive:
Enhances the appearance of working environment.

Anti-Static:
Meets EN IEC 61340-5-1 anti-static requirements.

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

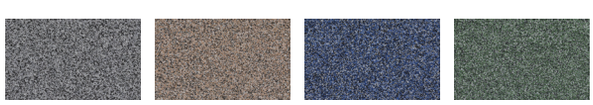
Hard Wearing:
Ideal for areas with sustained medium to heavy foot traffic.

CE 13
EN 13813

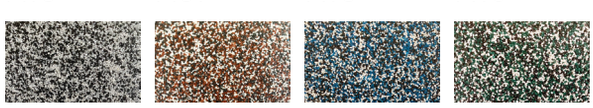
ELECTRICAL RESISTANCE	
EN IEC 61340-4-1	5×10^4 - 1×10^9 Ω
EN1081	< 10^6 Ω
REACTION TO FIRE	
EN 13501-1	B_{fl}-s1
IMPACT RESISTANCE	
EN ISO 6272	IR15 (15 Nm)
TEMPERATURE RESISTANCE	
Tolerant up to 70°C (intermittent) or 50°C (sustained)	
WEAR RESISTANCE	
EN 13892-5	RWA1 (< 1cm³)
BOND STRENGTH	
EN 13892-8	B2.0 (≥ 2.0 MPa)
SLIP RESISTANCE*	
EN 13036-4 (typical values for 4-S rubber slider)	Dry >40 low slip potential
COMPRESSIVE STRENGTH	
EN 13892-2	>40 N/mm²
FLEXURAL STRENGTH	
EN 13892-2	15 N/mm²
TENSILE STRENGTH	
BS 6319-7	10 N/mm²

SPEED OF CURE	10°C	20°C	30°C
Light Traffic	36 hrs	24 hrs	16 hrs
Full Traffic	72 hrs	48 hrs	36 hrs
Full Chemical Cure	12 days	7 days	4 days

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



Grey 7175 | Beige 7184 | Blue 7178 | Green 7190



Grey 7710 | Red 7720 | Blue 7730 | Green 7740

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

Model Specification

System	Peran ESD STB Compact
Finish	Gloss
Thickness	3 mm

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

Products Included In This System

Primer	Peran STC @ 0.3 kg/m^2 Conductive Grid required for Method 2
Primer	Peran ESD Primer @ 0.4 kg/m^2 or Peran ESD Primer WB @ 0.15 kg/m^2
Scatter	Peran ESD Compact Primer sand @ 0.5 kg/m^2
Coating	Peran STC + Compact White (STC Filler) @ 2.0 kg/m^2
Scatter	Peran ESD STB Filler C @ 3.5 kg/m^2
Topcoat	Peran STC @ 0.15 kg/m^2

Detailed application instructions are available upon request.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm^2, free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS8203 (or 4.5% on Tramex) 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 STB system.

Installation Service

The installation should be carried out by a CPG 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 using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent. Strong solvents such as acetone and thinners etc. should not be used. Damaged or worn coatings are best rectified by an authorised Tremco CPG contractor.

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 nonhazardous 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 Tremco CPG staff and fully trained and experienced contractors.

Important Notes

CPG 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.

*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 Department for further details and specifications.

System Datasheet written for Tremco CPG. Please consult Technical Team in your own country region for specific details. [28/06/24, 01 UK]

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