

## Flowshield ESD SL WB (2-2.5 mm)

A four component, conductive, water-based, self-levelling mortar for industrial flooring.



### Self-Levelling:

Excellent self-levelling properties.



### Hard Wearing:

Ideal for areas with sustained heavy foot traffic.



### Attractive:

Enhances the appearance of working environment.



### Low Odour:

Exhibits a low odour during application.

Available in different colours.  
For more information contact your local CPG office.

## Technical Profile\*

### TEMPERATURE RESISTANCE

Tolerant up to 70°C (intermittent) or 60°C (sustained)

### RESISTANCE TO GROUND

EN IEC 61340-4-1  $1 \times 10^4 < R_g < 1 \times 10^6 \Omega$

### WEAR RESISTANCE

EN 138492-4 ARO.5 (<50 µm)

### BOND STRENGTH

EN 13892-8 B2.0 (>2.0 MPa)

### IMPACT RESISTANCE

EN ISO 6272-1 IR4 (4Nm)

### COMPRESSIVE STRENGTH

EN13892-2 > 25 MPa

### FLEXURAL STRENGTH

EN13892-2 > 10 MPa

### SPEED OF CURE

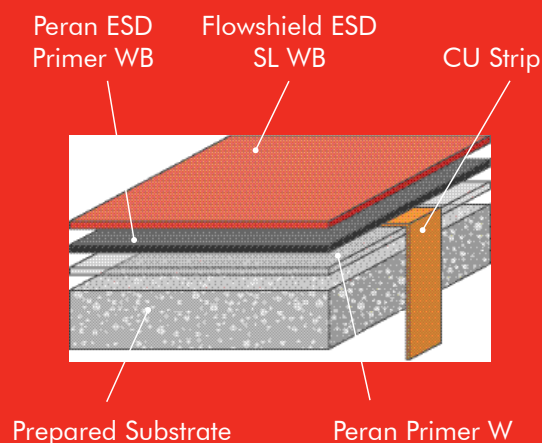
20°C

Light Traffic 24 hrs

Full Traffic 72 hrs

Full Chemical Cure 7 days

\*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.



## Model Specification

<b>System</b>	Flowshield ESD SL WB
<b>Finish</b>	Matt
<b>Thickness</b>	2 - 2.5 mm

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

## Products Included In This System

<b>Primer</b>	Peran Primer W @ 0.25 kg/m <sup>2</sup>
<b>Layer 1</b>	Conductive Grid of 10 mm wide copper tape.
<b>Primer</b>	Peran ESD Primer WB @ 150 g/m <sup>2</sup>
<b>Topping</b>	Flowshield ESD SL WB (Density 1.85 kg/l) @ 3.7 kg/m <sup>2</sup>

The given amounts of resin are average values. The exact consumption depends on substrate conditions. These amounts refer to application at +20 °C.

## Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm<sup>2</sup>, free from laitence, dust and other contamination. Substrate should be dry to 97% RH as per BS8203 (6% on Tramex scale). Substrate should be surface dry before the application of Peran Primer W.

## Installation Service

The installation should be carried out by a licensed contractor with a documented quality assurance scheme. For details of our licensed contractors, contact your local CPG office. Detailed application instructions are available upon request.

## Aftercare, Cleaning & Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

## 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 CPG staff and fully trained application teams.

## 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.

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. [10/03/21, 01 UK]