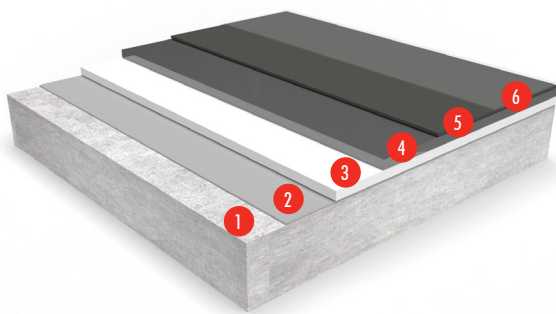


## Flowshield Acoustics (4 mm)

A self-smoothing, flexible, acoustic insulating, polyurethane coating system with a matte, UV-stable finish.



- 1 Prepared Substrate
- 2 Hydraseal DPM
- 3 Flowshield dBm
- 4 Flowshield LXP Soft
- 5 Peran PU (Pigmented) Matt
- 6 Flowseal PU Matt (Ultra)



### Acoustic Resistance:

Resilient acoustic, noise reduction and sound dampening.



### Soft & Comfortable:

Very soft feel underfoot and comfortable floor to walk on.



### UV Resistance:

Offers topcoat resistance to UV light, minimising yellowing.



### M1 Certified & Sustainable:

Low VOC content & emissions, can contribute to LEED V4.1 BETA Performance Score.

REACTION TO FIRE	
EN 13501-1	C <sub>fi</sub> -s1
IMPACT RESISTANCE	
EN ISO 6272	IR20 (20Nm)
WEAR RESISTANCE	
EN 13892-4	AR0.5 (≤ 50 μm)
BOND STRENGTH	
EN 1542	B1.5 (≥ 1.5 MPa)
SHORE A & D HARDNESS	
EN ISO 7619-1	D ≈ 40, A ≈ 80
IMPACT SOUND INSULATION	
EN ISO 10140-3	Up to 16 dB
WALKING SOUND INSULATION	
EN 16205	
In-room noise contribution	None
Below-room noise insulation	Up to 70% (in 1 kHz - 5kHz range)
WATER PERMEABILITY	
Karsten Test	Nil (Impermeable)
VOC EMISSIONS COMPLIANCE	
Indoor Air Comfort: Pass M1: Pass   AGB/AgBB: Pass   BREEAM Int.: Exemplary Level	
SLIP RESISTANCE* (in accordance with HSE and UKSRG guidelines)	
EN 13036-4 / BS 7976-2 (typical values for 4-S rubber slider)	Dry >40 low slip potential Wet >25 moderate slip potential

SPEED OF CURE**	10°C	20°C	30°C
Light Traffic	48 hrs	24 hrs	16 hrs
Full Traffic	4 days	3 days	2 days
Full Chemical Cure	14 days	7 days	4 days

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

## Model Specification

<b>System</b>	Flowshield Acoustics
<b>Finish</b>	Matt

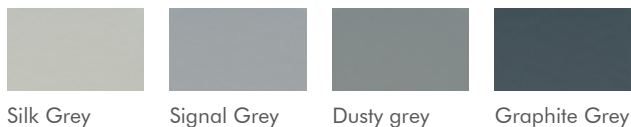
Preparatory work and application in accordance with manufacturer's instructions.

## Products Included In This System

<b>Primer</b>	Hydraseal DPM Natural @ 0.3 kg/m <sup>2</sup> (2 coats for porous substrates)
<b>Acoustic Insulation</b>	Flowshield dBm @ 1.5 kg/m <sup>2</sup> for 2 mm
<b>Topping</b>	Flowshield LXP Soft @ 3 kg/m <sup>2</sup> for 2 mm
<b>Pigmented Sealer</b>	Peran PU (Pigmented) Matt, 2 coats @ 0.12 kg/m <sup>2</sup> per coat
<b>Clear Sealer</b>	Flowseal PU Matt (Ultra) @ 0.12 kg/m <sup>2</sup> in one or two coats

Detailed application instructions and other sealer options are available upon request.

## Standard Colours



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

## Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm<sup>2</sup>, free from laitance, dust and other contamination. The substrate should be dry to 93% RH as per BS8203 (5.5 % on TRAMEX scale) and free from rising damp and ground water pressure. For substrates of up to 97% RH as per BS8203 (6.0% on TRAMEX scale) full two-coat application of Hydraseal DPM is required. Consult our Technical Department for more detailed information.

## 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.

## 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.

## Aftercare, Cleaning & Maintenance

Clean regularly in conjunction with a neutral detergent (or mild alkaline detergent for stubborn stains). A satin/ matte protective emulsion (e.g. TASKI Jontec Matte) may be applied to the surface of the Flowshield Acoustics system if required, as part of the ongoing maintenance programme. In cases where cleaning companies carry out maintenance they should be instructed to use a floor polish with the same gloss factor as Flowseal PU Matt (Ultra).

## 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.

\*\*For applications falling outside of this temperature range, please contact your local Tremco CPG Technical Department.

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.