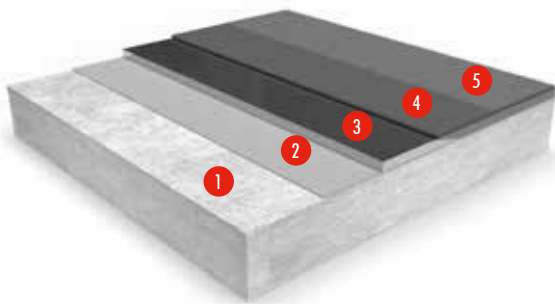


Flowshield Comfort (2.5 mm)

A self-smoothing, flexible polyurethane coating with a coloured aliphatic topcoat for a smooth surface finish.



- 1 Prepared Substrate
- 2 Primer
- 3 Flowshield LXP Soft
- 4 Peran PU Pigmented Matt
- 5 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.



Eco-Friendly & M1 Certified:

Low VOC, emissions and M1 Certified system.



Temperature Resistant:

Tolerant of sustained temperatures up to 40°C.

REACTION TO FIRE

EN 13501-1	B _{fl} -s1
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IMPACT RESISTANCE

EN ISO 6272	IR20 (20 Nm)
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WEAR RESISTANCE

EN 13892-4	AR0.5 ($\leq 50 \mu\text{m}$)
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BOND STRENGTH

EN 13892-8	B2.0 ($\geq 2.0 \text{ MPa}$)
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ELONGATION AT BREAK

DIN 53504	50-100%
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SHORE A & D HARDNESS

EN ISO 7619-1	D ≈ 40 , A ≈ 80
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WATER PERMEABILITY

Karsten Test	Nil (impermeable)
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VOC - ISO 16000-9 & CEN/TS 16516 (EN 16402)

Emission speed TVOC: $< 0.110 \text{ mg/m}^2\text{h}$ after 28 days

SLIP RESISTANCE*

EN 13036-4 (typical values for 4-S rubber slider)	Dry 57 low slip potential Wet 15 high slip potential
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SPEED OF CURE	10°C	20°C	30°C
Light Traffic	48 hrs	24 hrs	16 hrs
Full Traffic	4 days	2 days	36 hrs
Full Chemical Cure	14 days	7 days	4 days

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

*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.



Silk Grey
217



Signal Grey
218



Dusty Grey
234



Graphite Grey
2009

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

CE	14
	EN 13813

Low emission systems with M1 Certification are available.
For more information, contact your local Tremco CPG office.

Model Specification

System	Flowshield Comfort
Finish	Matt
Thickness	2.5 mm

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

Products Included In This System

Primer	Hydraseal DPM Natural @ 0.3 kg/m ² (2 coats for porous substrates)
Topping	Flowshield LXP Soft @ 3 kg/m ² for 2 mm
Sealer 1	Peran PU Pigmented Matt @ 0.2 kg/m ² (applied in 2 coats)
Sealer 2	Flowseal PU Matt Ultra @ 0.1 kg/m ² (applied in 2 coats)

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 85% RH as per BS8203 (5.5% on Tramex scale) and free from rising damp and ground water pressure. If no damp proof membrane is present Hydraseal DPM can be incorporated directly beneath the Flowshield Comfort 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 in conjunction with a neutral detergent (or mild alkaline detergent for stubborn stains). A satin/ matte protective

emulsion (e.g. TASKI Jontec Matt) may be applied to the surface of the Flowshield CHD 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.

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.

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.

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. [28/11/23, 01 UK]



**Construction
Products Group**
Europe

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