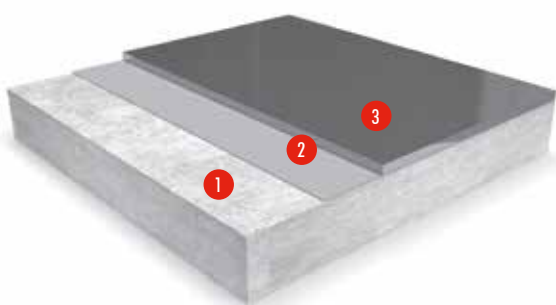


## Flowshield LXP HD (2-3 mm)

A heavy duty, self-smoothing, solvent free, flexible, coloured, polyurethane based floor coating.



- 1 Prepared Substrate
- 2 Primer
- 3 Flowshield LXP HD



### Seamless:

Delivers a seamless finish, except for underlying slab joints.



### Chemical Resistant:

Excellent resistance to cleaning agents, sugars and acids.



### Easy to Clean:

Seamless installation ensures dirt and dust are easily cleaned away.



### Low Odour:

Solvent free and exhibits low odour during application.

REACTION TO FIRE	
EN 13501-1	B <sub>fl</sub> -s1
IMPACT RESISTANCE	
EN ISO 6272	11 Nm
TEMPERATURE RESISTANCE	
Tolerant of sustained temperatures up to 60°C	
WEAR RESISTANCE	
EN 13892-5	RWA10
BOND STRENGTH	
EN 13892-8	B2.0 (≥ 2.0 MPa)
SHORE D HARDNESS	
DIN 53505	≈75
ELONGATION AT BREAK	
BS 6319	30%
WATER PERMEABILITY	
Karsten Test	Nil (impermeable)
TEAR STRENGTH	
BS 6319	11 MPa
SLIP RESISTANCE*	
EN 13036-4 (typical values for 4-S rubber slider)	Dry >40 low slip potential
FLEXURAL STRENGTH	
EN 13892-2	>20 N/mm <sup>2</sup>
TENSILE STRENGTH	
EN 13892-2	>15 N/mm <sup>2</sup>

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	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.

## Model Specification

System	Flowshield LXP HD
Finish	Gloss
Thickness	2 - 3 mm

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

## Products Included In This System

Primer	Concrete: Deckshield SF Primer @ 0.3 kg/m <sup>2</sup> (Porous substrate may require 2 coats) Steel: Peran Primer W @ 0.25 kg/m <sup>2</sup> Wood: Deckshield SF Primer @ 0.3 kg/m <sup>2</sup> Asphalt <sup>(1)</sup> : Deckshield SF Primer @ 0.3 kg/m <sup>2</sup> (Porous substrate may require 2 coats)
Coating	Flowshield LXP HD (density 1.8 kg/l) @ 3.6 kg/m <sup>2</sup> for 2 mm

<sup>(1)</sup> This assumes a good quality road grade waterproof asphalt substrate, maximum 100/150 pen and minimum 1.0 N/mm<sup>2</sup> tensile strength. The asphalt should contain no volatile material, dust and other contamination such as oil rubber and should be surface dry up to 75% RH as per BS8203 (4.5% on Tramex scale).

Note: Tremco CPG will not be held responsible for any cracking that may occur as a result of movement of the asphalt base.

Detailed application instructions are available upon request.

## Standard Colours



Goosewing Grey 222  
Light Grey 232

Window Grey 2012

Mid Grey 280



Sand Beige 326

Pastel Blue 452

Tile Red 637

Pastel Green 740

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 75% RH as per BS8203 (4.5% 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 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](http://www.flowcrete.eu).

## Aftercare, Cleaning & Maintenance

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



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