

Flowscreed SL

A single component, high strength, micro-fiber reinforced, quick drying cementitious self-leveling underlayment where a smooth surface is required.

It is suitable to be used as a repair and levelling course and can be applied at thickness up to 20mm.



Self Smoothing:

Will self smooth (when applied above 3mm) to level out uneven surfaces.



Versatile Application:

Can be applied by hand or pumped on site dependent on project requirements.



Single Pack:

Supplied in single pack format reducing the need for excessive packaging.



Durable:

Provides a strong and durable screed ready to receive a variety of finishes.



Rapid Drying:

Can walk on after 3 - 4 hours under normal conditions.



Technical Profile*

COMPRESSIVE STRENGTH ASTM C 109

Age	Strength
24 hours	15 N/mm ²
7 days	>30 N/mm ²
28 days	>35 N/mm ²

WORKING TIME

approx. 15 mins at 25°C

OVERCOATING TIME (20°C, 50% RH)

36-48 hours dependant upon thickness, ambient conditions & substrate condition with moisture content < 75% RH as per BS8204

FRESH WET DENSITY

approx. 2.0kg/L

SET TIME ASTM C 191

Initial	approx. 1 - 2hours
Final	approx. 3 - 4hours

FLEXURAL STRENGTH ASTM C 348

1 day	3.0 N/mm ²
28 days	6.0 N/mm ²

TENSILE ADHESION STRENGTH EN 1542

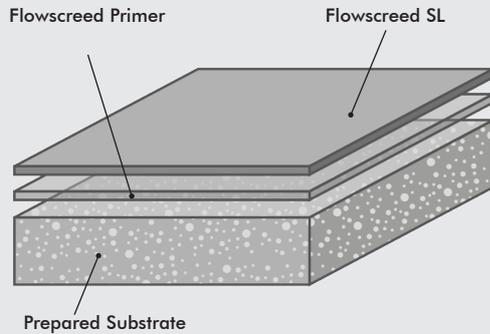
> 1.5 N/mm² (at 28 days)

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

Model Specification

System	Flowscreed SL
Thickness	3 - 20mm
Manufacturer	Tremco CPG Malaysia

System Design



Products Included In This System

Primer	Flowscreed Primer, 0.50kg/m ² in two coats
Or if DPM required:	
DPM	Hydraseal DPM @ 0.5 kg/m ²
Sand scatter	Dry Silica Sand/Quartz grade 40/80 mesh @ 2 kg/m ²
Floor Screed	Flowscreed SL @ 5.10 kg/m ² for 3 mm

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination. The substrate should be dry up to 75% RH as per BS8204 and free from rising damp and ground water pressure. If no damp proof membrane is present, Hydraseal DPM can be incorporated directly beneath the Flowscreed SL system, enabling the immediate installation of floor finishes once the screed has dried.

Shelf Life

6 months from date of production in original, unopened bag.

Hardening & Drying Times

The Flowscreed SL may be walked on after 3 to 4 hours. In case of high humidity and low temperature, it can take longer time to dry. Where a floor finish is to be installed, it may be installed after 36 to 48 hours, depending on the type of finish, thickness of Flowscreed SL, substrate and ambient conditions.

Protection on Completion

Ensure the screed is not subject to draughts during the first 6 hours of curing as this may lead to cracking and crazing. Tape up doorways with polythene to prevent air movement. Prevent contamination by following trades.

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 our customer service team or enquire via our website at www.flowcreteasia.com

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, maintenance and cleaning. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

Important Note

Flowcrete 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.

Further Information

To ensure you are specifying a fit-for-purpose floor, please consult our Technical Advisors or visit our website to register your interest in specifying one of the most durable floors on the market.

1. System Data Sheet to be read in conjunction with Method Statement and Product data Sheets.