

Flowscreed ESL

A three-component epoxy modified cementitious self-smoothing screed.

To repair and smoothen concrete floor substrates prior to resin floor application.



Excellent Adhesion:

Chemically & mechanically bonds to concrete forming a monolithic structure.



Easy to Apply:

Self-smoothing consistency allows it to be applied easily and quickly.



Low Odour:

Low odour during application for greater client satisfaction.



Technical Profile*

THERMAL RESISTANCE

Tolerant up to 60°C

WATER PERMEABILITY

Nil – Karsten test (impermeable)

COMPRESSIVE STRENGTH

BS 6319 >40 N/mm²

BOND STRENGTH

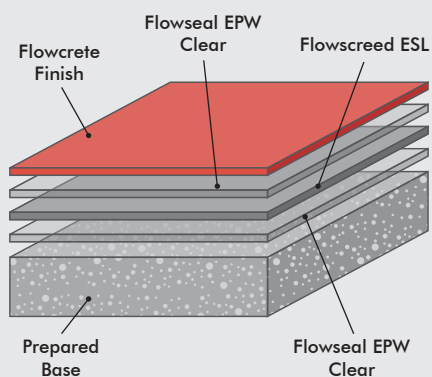
Greater than cohesive strength of 25 N/mm² concrete, >1.5 MPa

SPEED OF CURE

	10 °C	20 °C	30 °C
Light Traffic	24 h	15 h	12 h
Full Traffic	48 h	36 h	24 h
Full Chemical Cure	12 d	7 d	5 d

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

System Design



Model Specification

System	Flowscreed ESL
Thickness	Min. 2 mm
Manufacturer	Tremco CPG Malaysia

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

Products Included In This System

Primer	Flowseal EPW Clear
Body Coat	Flowscreed ESL
Finishing Coat	Flowseal EPW Clear

Detailed application instructions are available upon request.

Ratio of Components

The product is supplied in full units as A+B+C. Do not split the compounds/components as this may jeopardise the end result. Add all of Hardener B to Base A and mix. Add Filler C and mix for a further 3 minutes to activate the flow additive. Ensure that all Filler C is mixed in from the sides of the container and fully dispersed throughout the mix. Mix with slow speed drill and helical spinner, taking care not to entrain air.

Application Temperature

The recommended material and substrate temperature is 15 - 35°C, but no less than 10°C. The temperature of the substrate should exceed the "dew point" by 3°C during application and hardening. Temperatures should not fall below 5°C in the 24hrs after application.

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

Flowscreed ESL is solvent and nonylphenol free and practically odourless during application. Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken.

For more information, please refer to the safety datasheets for the individual components.

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. Light colours may require additional coats to achieve desired results 2. It is recommended that top coat colours are close to base coats colours to achieve desired results
3. This product is not UV stable and may discolour unless otherwise stated 4. System Data Sheet to be read in conjunction with Method Statement and Product data Sheets.