

Flowcrete 340

A solvent free, high build, epoxy coating and tank lining with high chemical resistance and low vapour transmission properties.



Chemical Resistance:

Protection of concrete and steel surfaces against corrosion by chemical attack.



Vapour Barrier:

A vapour barrier coating for insulation.



Tank Lining:

A coating for tanks such as oil storage tanks.

Technical Profile

NO. OF COMPONENTS	2
MIX RATIO	2:1 (Epoxy : Activator by volume)
VOLUME SOLIDS	100%
POT LIFE (250ml)	15 Minutes
THEORETICAL COVERAGE	4-5m ² /L
D.F.T. per coat @ 5m ² /L	2 coats
RECOMMENDED NO. OF COATS	2
APPLICATION TEMPERATURE	Min 10°C Max 30°C
OVERCOAT TIME	Min 5 hrs Max 48 hrs
SERVICE TEMPERATURE	Wet 60°C Dry 90°C
CLEANER	W.S.B.C
SHELF LIFE	12 Months

SPEED OF CURE**	20°C
Touch Dry	5 hrs
Practical Cure	24 hrs
Full Chemical Cure	7 days

RESISTANT TO:

- Organic and inorganic acids in varying concentrations.
- Aromatic and Aliphatic hydrocarbon solvents.
- Petroleum products including crude oil.
- Fresh and sea water.

**Cure times at temperatures between 0-30°C can be achieved by altering the quantity of catalyst used. For applications falling outside of this temperature range, please contact your local Flowcrete Technical Department.

Preparation

Concrete and plaster surfaces to be clean, sound, laitance and dust free and have a maximum moisture content of 4%.

G.R.P. laminates to be thoroughly abraded and wiped with Flowcrete Solvent AB.

Steel surfaces to be grit blasted to S.A.2½. Where grit blasting is not possible surfaces to be thoroughly mechanically prepared to remove all loose rust.

Application

1. Prime concrete and plaster surfaces with Flowprime.
2. Prime grit blasted steel surfaces with Flowprime 366.
3. Prime steel surfaces prepared by mechanical means with Ivomastic Primer.
4. No primer required for GRP laminates.
5. Thoroughly mix together only enough product that can be applied within the recommended pot life using the correct mixing ratio.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitance, dust and other contamination. Substrate should be dry to 75% RH as per BS8204.

Installation Service

The installation should be carried out by an Approved Flowcrete Applicator. For details of our Approved Applicators, contact your regional Flowcrete office. Detailed application instructions are available upon request.

Aftercare, Cleaning & Maintenance

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

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 Flowcrete staff and fully trained application teams.

Focus on the Floorzone

Flowcrete is a market leader in specialist industrial and commercial flooring. Systems available include: floor screeds, surface damp proof membranes, decorative flooring, seamless terrazzo, car park deck coatings, tank lining systems... to name just a few. Our objective is to satisfy your Floorzone needs.

Warranty

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. Please review warranty in detail before installing the products.

[03/10/18]