



Flowcrete 340 F.G. (250microns)

A solvent free, high build, food grade epoxy coating. Used for the protection of concrete or food storage tanks.



FDA Regulation:

Compliant with the FDA regulation 21CFR 175.300 for coatings in contact with food.



Hygienic:

Can be used in potable water or brewery tank linings.

Technical Profile

NO. OF COMPONENTS	2
MIX RATIO	2:1
GEL TIME (150g mix)	2.5 hours
THEORETICAL COVERAGE	4-6m ² /L
D.F.T PER COAT	167-250 microns
RECOMMENDED NO. OF COATS	1 or 2
OVERCOAT TIME	Min 10 hours Max 36 hours
VOLUME SOLIDS	100%
SHELF LIFE	12 months
RESISTANT TO:	Mild organic and inorganic acids Deionised water 10% Acetic Acid 50% Sodium Hydroxide Beer and Wine

SPEED OF CURE**	20° C
Touch Dry	10 hrs
Practical Cure	24 hrs
Full Cure	7 days

**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

All surfaces to be clean, dry and sound and have a maximum water content of 4%. Concrete surfaces to be sweep blasted.

Application

1. Prime with Flowprime for concrete and plaster surfaces or Flowprime 366 for grit blasted steel surfaces.
2. Thoroughly mix together only enough product that can be applied in 20 minutes at 20°C.
3. Apply by brush, roller or airless spray, two coats at 4-6m²/L per coat dependent on the surface profile.
4. Should over 36 hours lapse between coats the surface must be abraded with a medium grit abrasive paper and solvent wiped using Epoxy Thinners.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitence, 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.

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