

Flowcrete 317 Hi Wear

An epoxy wearing compound containing graded ceramic fillers, to line plant and equipment subject to a high degree of abrasive wear.



Durable & Hard Wearing:

To be used on equipment subject to erosion caused by abrasion.



Vertical Application:

Can be applied to vertical and overhead surfaces and difficult areas.



Water Smoothable:

Lightly wetting trowel or gloved hand gives a smooth finish.



Fast Cure:

Ready to use in 6-8 hours at normal room temperature - less if heat is applied.

Technical Profile

NO. OF COMPONENTS	2
MIXING RATIO	2:1 By mass
POT LIFE 500ml	40 minutes
SHELF LIFE	12 months
VOLUME SOLIDS	100%
APPLY BY	Trowel or gloved hand
THEORETICAL COVERAGE	6L/m ² @ 6mm
COMPRESSIVE STRENGTH	90mPa
TENSILE STRENGTH	35mPa
APPLICATION TEMP.	Min 15°C Max 35°C
HEAT DEFLECTION TEMP	75°C
CLEANER	W.S.B.C

SPEED OF CURE**	20°C
Touch Dry	2 hrs
Practical Cure	6-8 hrs
Full Cure	7 days

RESISTANT TO:
Dilute acids and alkalis.
Aliphatic solvents and petroleum products.
Sea water and distilled 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

Surfaces to be clean, dry and free of rust or mill scale. Grit blasting is recommended. If mechanical grinding is used ensure that prepared surface has a rough profile.

Application

1. Thoroughly mix the epoxy and activator together using a mechanical mixer to achieve a completely homogeneous mix.
2. Using a steel trowel or gloved hand apply compound at 4mm- 6mm thickness or as specified.
3. Wipe smooth with hands.
4. Any mixed material will become unusable after 40 minutes.
5. To accelerate curing time post cure after compound has gardened by heating surface to about 40°C for 30 minutes.

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.