

Flowcrete 318/30

A high strength pourable epoxy grout used for many grouting applications or filling gaps.



Vertical Application:

A non-drip thixotropic epoxy for vertical applications.



Tanks:

Used in the construction of glass reinforced fuel and water tanks.

Technical Profile

NO. OF COMPONENTS	3
MIXING RATIO	Mix as supplied
POT LIFE @ 25°C	45 minutes (500ml)
SHELF LIFE	18 - 24 months
COMPRESSIVE STRENGTH	2 days 50 mPa 7 days >90 mPa
BOND STRENGTH TO CONCRETE	4mPa concrete fails
APPLICATION TEMP.	Min 15°C Max 40°C
VOLUME SOLIDS	100%
COLOUR	Natural
DENSITY	1.85
THINNERS	Do not thin
CLEANER	W.S.B.C

SPEED OF CURE**	20°C
Full Cure	7 days

RESISTANT TO:

Common aggressive chemicals, aliphatic solvents and petroleum products.

APPLICATION TIPS:

Utilizing shutter where required ensure sufficient pressure to maintain movement of grout.

It is essential that air is allowed to escape from the cavity being filled.

Apply large volumes in more than one layer, ensuring that the previous layers have hardened and cooled.

The volume that can safely be applied in one lift will depend on ambient temperatures, surface contact area, heat absorbency properties of the substrate and shuttering.

**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, sound and free of laitance, dust, rust or mill scale. For maximum adhesion scarify or scabble concrete to expose aggregate.

Application

1. Thoroughly mix the epoxy and activator components together using a low speed mechanical stirrer or hand paddle.
2. Slowly add the filler and continue mixing until a homogenous mix results.
3. Allow to stand for 10 minutes for air bubbles to escape.
4. Slowly pour the mixed product into the area to be grouted.

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.