



Flowcrete 319 Hi Bond

A high performance impact modified epoxy adhesive for applications requiring a bond with high shear and impact resistance.



Vertical Application:

A non-drip thixotropic epoxy for vertical applications.



Adhesion:

Adhesion to mild steel, aluminium, stainless steel and all normal building materials.



Flexibility:

Allows for different expansion rates between components.



Resistance:

Excellent impact resistance.

Technical Profile

NO. OF COMPONENTS	2
MIXING RATIO	2:1
POT LIFE @ 25°C	30 minutes (200g)
BOND STRENGTH	Steel > 15 mPa Aluminium > 11 mPa Stainless > 10 mPa
CLEANER	W.S.B.C

SPEED OF CURE**	20° C
Touch Dry	3 hrs
Full Cure	12 hrs

**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.

Application

1. Using volumes strictly in accordance with the given mixing ratio, place the contents of each container on a clean, flat wooden board.
2. Blend together for 3 minutes by means of a flat putty knife or trowel.
3. Apply by notched trowel or putty knife and immediately bring the surfaces together.
4. If the mixed material is left in the container it will become unusable within 10 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.