

## Ivory 319 Hi Bond

### PRODUCT DATA SHEET

#### Description

A high performance impact modified epoxy adhesive for applications demanding un-compromised bond with high shear and impact resistance.

#### Uses

Bonding alumina tiles in demanding applications subject to impact or high shear.

- Aluminium
- Stainless Steel
- Mild Steel

#### Advantages

- Medium set paste consistency and easy to spread.
- Excellent impact resistance
- Excellent flexibility allowing for difference expansion rates between components.
- Thixotropic for vertical applications.
- Excellent adhesion to mild steel, aluminium, stainless steel, high alumina tiles and all normal building materials.

#### Preparation

All surfaces to be clean dry and sound in accordance with Ivory Surface Preparation specification for substrate to be bonded.

#### Application

Using volumes strictly in accordance with the given mixing ratio, place the contents of each container on a clean, flat wooden board.

- Blend together for 3 minutes by means of a flat putty knife or trowel.
- Apply by notched trowel or putty knife and immediately bring the surfaces together.
- If the mixed material is left in the container it will become unusable within 10 minutes.

#### Specification

All surfaces to be prepared and bonded with Ivory 319 Hi-Bond adhesive all in accordance with manufacturer's detailed instructions.

#### Properties

No of Components:	2
Mixing Ratio:	2: 1
Pot Life (200g):	30 minutes
Cure time:	Thin film 3 hours Practical 12 hours
Bond Strength:	Steel >15mPa Aluminium >11mPa Stainless >10mPa
Wash Up:	W.S.B.C.

#### Health & Safety

Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health & Safety Data Sheet available from Flowcrete on request and sent with each delivery.

#### Important Note

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request