

Ivory 319 Hi Bond

Description

A high performance impact modified epoxy adhesive for applications demanding uncompromised 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

Benefits

- 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.

Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20 °C and at 50% Relative Humidity.

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 and 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.

Specification

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

Flowcrete SA (Pty) Ltd
176 Voortrekker Street
Jacobs
Durban
Kwa Zulu Natal
Tel: +27 31 461 3411
Fax: +27 31 461 3475

Flowcrete SA (Pty) Ltd
47 Forge Road
Spartan
Gauteng
Tel: +27 11 394 1980
Fax: +27 11 394 3003

Flowcrete SA (Pty) Ltd
1A Gabriel place
Cnr Gabriel & Main Road
Plumstead
Cape Town
Tel: +27 21 797 0214
Fax: +27 21 761 6664