

Ivory 319 General Purpose Epoxy Adhesive

Description

Trowel consistency adhesive for bonding concrete, wood, steel, fibreglass, cement, glass, ceramic, quarry and mosaic tiles, bricks and most building materials.

Benefits

- Equal volumes.
- Easy to mix and apply.
- Long pot life.
- Can be applied to vertical surfaces.
- Gap filling.
- Non toxic when cured.

Resistance

Resists most common aggressive chemicals, hydrocarbon fuels, oils and solvents and vegetable oils.

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 5 minutes by means of a flat putty knife.
- 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 one hour.

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		
Ep/Act by volume	:	1:1
Pot life	:	1 hour
Cure Time @ 20°C		
Touch Dry	:	8 hours
Practical Cure	:	24 hours
Full Cure	:	7 days
Apply by	:	
Notched trowel or Putty knife		
Theoretical Coverage	:	1m ² /ℓ at 1mm
Overcoat Time	:	8 hours
Volume Solids	:	100%
Compressive Strength	:	70mPa
Bond Steel to Steel	:	10mPa
Bond Concrete breaks concrete		
Application Temperature	:	10°C to 35°C
Service Temperature	:	Wet 40°C
		Dry 60°C
Thinners	:	Nil
Cleaner	:	W.S.B.C.
Shelf Life	:	12 months

Specification

All surfaces to be prepared and bonded with Ivory 319. General Purpose Epoxy Adhesive all in accordance with manufacturer's detailed instructions.

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.