

Ivory 319 TAQ

Quick Set General Purpose Adhesive

Description

Quick set, flexible, trowel consistency adhesive for bonding concrete, steel, alloys, glass ceramic, quarry and mosaic tiles, bricks and the most common building materials.

Benefits

- Quick set.
- Sufficient flexibility to allow for different expansion rates between most components.
- Excellent adhesion to most surfaces.
- Thixotropic, can be applied to vertical and overhead surfaces.
- Gap filling.

Resistance

Resists most common dilute aggressive chemicals, aliphatic solvents and petroleum products.

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 three minutes by means of a flat putty knife or trowel and ensure a homogeneous mix. Alternatively, a slow speed mechanical stirrer can be used. 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 319TAQ Quick Set General Purpose Adhesive all in accordance with manufacturer's detailed instructions.

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		
Epoxy / Activator by volume	:	2:1
Pot life (500mℓ)	:	10 minutes
Drying Time @ 25°C		
Initial Set	:	1 hour
Practical Cure	:	2 hours
Full Cure	:	7 days
Apply by:		Notched trowel or Putty knife
Theoretical Coverage	:	1m ² /ℓ at 1mm
Application Temperature	:	5°C to 35°C
Service Temperature	:	Wet 45°C
		Dry 70°C
Tensile Strength	:	50mPa
Compressive Strength	:	>80mPa
Bond Strength:		
Steel/Steel	:	10mPa
Concrete breaks concrete		
Impact Strength	:	5-6kj/m ²
Colour		
Epoxy	:	White
Activator	:	Amber
Volume Solids	:	100%
Thinners	:	Nil
Cleaner	:	W.S.B.C.
Shelf Life	:	12 months

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.

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