

# PRODUCT DATA SHEET

## DELTA FIX ADHESIVE

Product Code: DMS018



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**Delta Fix Adhesive is formulated as an adhesive for bonding & anchoring most building materials e.g. brick, stone, steel, mortar & timber.**

Suitable for fixing bolts and penetrations through waterproof coatings to provide a waterproof seal. Once cured Delta Fix Adhesive creates a strong stress free joint regardless of the surrounding environment.



### SPECIFICATION

- Resin anchor system for fixings into masonry and concrete structures

PRODUCT	APPEARANCE	DENSITY AT 25°C
DELTA FIXED RESIN	*ORANGE	1.7
DELTA FIXED RESIN	*RED	1.2

Mechanical properties after curing 21 days at 20°C	
Test Temperature	20°C
Tensile strength	35 MPa ISO/R 527
Flexural strength	30 MPa ISO 178
Compressive Strength	60 MPa

### CHARACTERISTICS

Delta Fix Adhesive is colour coded for visual assurance that the two components are fully mixed. The product is solvent free, thixotropic i.e., will not readily slump, and cures in cold, damp conditions. \*The colour, but no other ingredient, may be changed at the manufacturer's discretion. The change will not affect the cured product in any way.

### PRE-TREATMENT

Prior to the application of Delta Fix Adhesive all surfaces must be free from dust, oil, rust and grease. Any loose materials must be removed back to a sound surface.

### MIXING

When supplied in cartridge form the mixing takes place in a static spiral mixer, which delivers the mixed product to the required surface. When supplied in pots, all of the resin must be mixed with all of the hardener. Under no circumstances should part mixes be used. Mix the two components thoroughly until a consistent, no streaky colour is achieved. When using cartridges, extrude Delta Fix Adhesive onto a surface until a consistent non-streaky colour is achieved.

### USABLE LIFE

In cartridges Delta Fix Adhesive has no waste apart from the mixed product in the nozzle, which will stay workable for a minimum of 15 mins. In pot form the mixed product will remain workable for approximately 15 mins. This can vary depending upon the working temperature.

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### CURING

Complete Cure: 7 days

### TESTING

Not less than 24 hours after application, the temperature to be 12°C or above.

### WORKING TEMPERATURE

The material is formulated for use at 5°C to 25°C; it is seasonably adjusted during manufacture to ensure the flow characteristics of the mixed product are constant.

### STORAGE

The separate components, stored at 5°C to 20°C in dry conditions, have a shelf life of at least 9 months.

### PACKAGING

400ml side-by-side cartridge

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### CLEANING

The method of application cuts cleaning to a minimum but should it be necessary to clean then use of a suitable RESIN CLEANER should be employed: cured DELTA FIX ADHESIVE will require removal by chipping or other mechanical means.

### CAUTION

Delta Fix Adhesive is generally harmless providing that the normal common-sense precautions are taken when handling chemicals are observed. For instance: neither the separate components nor the uncured mixture should be allowed to come into contact with foodstuffs or utensils. Measures should also be taken to prevent contact with the skin: wearing rubber or plastic gloves will normally suffice along with eye protection. Thoroughly cleanse the skin at the end of each working period by washing with soap and water. Disposable paper towels are recommended to dry the skin. Precautions are fully discussed in Product Safety Information sheet for Delta Fix Adhesive, which is available on request.

### HEALTH AND SAFETY

For full information consult the relevant Material Safety Data Sheet.