

## **ELI-BOND FR 845/C1 QUICK SET ADHESIVE**

PRODUCT:	A two pack transparent, quick setting Epoxy Adhesive	
COLOUR:	Resin:	White / Clear
	Hardener:	Beige
VISCOSITY / 25°C:	Semi-Thixotropic	
MIXING RATIO:	By weight or volume:	1 part of Resin 1 part of Hardener
GELTIME / 25°C:	3 Minutes	
SETTING TIME / 25°C:	4 – 5 Minutes	
PRACTICAL CURE / 25°C:	2 - 4 Hours	
HARDNESS: (Cured 24h / 25°C):	Shore D: 80 – 85	
MAX. STRENGTH:	After 24 hours	
SPECIFIC GRAVITY / 25°C:	Resin:	1.19 g/cm <sup>3</sup>
	Hardener:	1.07 g/cm <sup>3</sup>
ADHESION:	Eli-Bond C-1 shows excellent adhesion on the following materials: Concrete, Rock, Brick, Asbestos, Cement, Earth ware, Slate, Tile, Metal, Wood, Cardboard, Glass, Hard plastics. Adhesion tests are advisable on vulcanised Rubber, Plastics, Foams and pre-treated Polyethylene and PVC (Individual tests are recommended)	
CHEMICAL RESISTANCE:	To Water, Oil, Grease: good To Solvents, Acids and Alkaline (Individual tests are recommended)	
TEMPERATURE RESISTANCE:	Eli-Bond C-1 Adhesive can be recommended for bonding applications up to 60°C	
FLEXURAL STRENGTH:	17 – 18 MPa	
TENSILE STRENGTH:	14 – 15 MPa	
COMPRESSIVE STRENGTH:	45 – 50 MPa	

APPLICATION:

1. Clean thoroughly and roughen the application surface.
2. When ready for application, mix equal parts of the resin and hardener
3. Mix thoroughly until a uniform colour is obtained, recommended mixing time 1 - 2 minutes.
4. Apply adhesive evenly on joint surfaces, hold surfaces firmly together.

IMPORTANT:

Low temperatures will extend the working life and setting time of the adhesive mixture. To obtain normal setting time, it is recommended to warm up the resin and hardener to 25°C. e.g. put the containers (buckets) in the sunshine, near heater open kitchen stove, etc.

Store containers in a dry, cool place. Ensure that lids are placed on the correct containers (buckets), as even the smallest amount of hardener on a resin container (bucket) can lead to a solidification of the quick set resin.

Maximum shelf life: 12 months

CAUTION:

Although every care has been exercised in the selection of ingredients and preparation of the Elite Quick Set Adhesives, hands should be washed thoroughly with soap and water immediately after use.

NOTICE:

The technical specification and / or our technical advice, whether verbal, in writing or by trials, is given in good faith and based on our test results obtained but without warranty. It does not release the user from the obligation to test the products supplied by us or any third party as to the suitability for the intended application.

The application, use and processing of the products are beyond our control and Elite Chemical Industries (Pty) Ltd's legal obligation in respect of any sale of its products shall be determined by the terms of its conditions of sale.

AUGUST 2022  
AH/rb