

## LAMINATE ADHESIVE

**LOW TEMPERATURE CURING  
EXCELLENT SURFACE WETTING  
NON-SLUMP AND GAP FILLING PROPERTIES  
MOISTURE INSENSITIVE  
100% SOLID STRUCTURAL ADHESIVE**

**PRINCIPAL USES**

Structural epoxy adhesive for strengthening structures with Carbocomp laminates. Also suitable for bonding Vandex Flextape on damp cold concrete surfaces in water retaining structures over expansion joints. Can be used in areas of cold or humid conditions.

**RESISTANCE**

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

**INSTRUCTIONS**

Prior to application, the surface must be clean, surface dry and sound and surfaces should be prepared in accordance with methods 1 or 3 of Surface Preparation Specification. The contents of both tins should be mechanically mixed together for 4 minutes until a uniform grey colour is achieved. Smaller mixes can be done by measuring out at the ratio of Base:Activator, 2:1 by volume. Place material on a flat clean board, and thoroughly mixed together for approximately 4 – 5 minutes using a trowel or putty knife until a uniform grey colour. Apply the mixed Pro-Struct 617LA Epoxy immediately and continue working until all the mixed material has been used or to the end of the material's pot life.

Clean equipment immediately after use with Pro-Struct 105 Brush Cleaner.

For detailed installation instructions for Carbocomp Plus, refer to the PC Carbocomp Plus product data sheet.

For detailed installation instructions for Vandex Flextape, refer to the Vandex Flextape product data sheet.

**PACKAGING**

Pro-Struct 617LA is supplied in combination packs of base and hardener with a combined content volume of 4 litres.

**CAUTION:** Under no circumstances should Pro-Struct 105 Brush Cleaner be mixed with any Pro-Struct Epoxy Compound as this will inhibit the curing of the material. To avoid confusion, Pro-Struct 105 Brush Cleaner is coloured **blue**. Always wash hands well with soap and water after using this material.

**See also Instructions "Handling of Epoxy Products"**

**TYPICAL PROPERTIES AT 25°C**

Finish	Slight Gloss
Colour	Grey
Consistency	Paste
Volume Solids	100%
Theoretical Coverage	1m <sup>2</sup> /litre at 1mm thick
No. of Components	2
Mixing Ratio by Volume	2:1 Base:Activator
Pot Life	> 50 Minutes
Apply Over	Cleaned, surface dry, sound surfaces
Tensile Strength	> 12 MPa
Steel to Steel Bond Strength	> 10 MPa
Concrete Bond Strength	Breaks concrete
Apply By	Putty Knife
Curing Time at 25°C	4-6 Hours initial set 12-16 Hours practical 4 Days full cure
Thinners	Nil
Shelf Life	12 Months
Max Service Temperature	70°C
Application Temperature Range	5°C to 35°C

**CAUTION: MAY CONTAIN FLAMMABLE SOLVENTS.** KEEP AWAY FROM SPARKS AND OPEN FLAMES. IN CONFINED AREAS WORKMEN MUST WEAR FRESH AIRLINE RESPIRATORS. HYPERSENSITIVE PERSONS SHOULD WEAR GLOVES OR USE PROTECTIVE CREAM. ALL ELECTRONIC EQUIPMENT AND INSTALLATIONS SHOULD BE MADE AND GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. IN AREAS WHERE EXPLOSION HAZARDS EXIST, WORKMEN SHOULD BE REQUIRED TO USE NONFERROUS TOOLS AND TO WEAR CONDUCTIVE AND NONSPARKING SHOES