

**WET-TO-DRY CONCRETE ADHESIVE**

**BONDS NEW CONCRETE TO EXISTING  
GIVES WATERPROOF BOND LINE  
SOLVENT-FREE**

**PRINCIPLE USES:**

Used to bond new wet concrete to an existing dry concrete / masonry surface. Essential when raising floor levels which will be subjected to vibrations and forklift traffic.

**RESISTANCE:**

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

**SPECIFICATION:**

Apply Pro-Struct 616 Wet-to-Dry Concrete Adhesive to clean prepared surface followed by placement of new concrete into wet adhesive.

**INSTRUCTIONS:**

Prior to application the surface must be clean, dry and sound. Surfaces should be prepared in accordance with method 1 or 3 of surface preparation specification. Prior to mixing, the contents of the two containers should be stirred thoroughly. The contents of the smaller container should then be poured into the larger container and mixed for 4 to 5 minutes. It is then applied by means of a stiff-bristle brush and the new concrete poured before the epoxy loses tack – usually 1 to 4 hours, depending on temperature. If mixed material is left in the container, it will become unusable within 60 to 90 minutes.

Clean equipment immediately after use with Pro-Struct 105 Brush Cleaner and rinse off in clean water.

**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**. Remove spots of Pro-Struct Epoxy on hands with cotton waste dipped in Pro-Struct 105 Brush Cleaner. Always wash well with soap and water after using this material.

**TYPICAL PROPERTIES AT 25°C**

Finish	Gloss
Colour	Grey
Consistency	Liquid
Volume Solids	100%
Theoretical Coverage Per Coat	2m <sup>2</sup> /litre depending on substrate profile
No. of Components	2
Mixing Ratio by Volume	2:1
Compressive Strength	> 60 MPa
Tensile Strength	> 8 MPa
Bond to Concrete	Breaks concrete
Pot Life	60 – 90 minutes
Apply Over	Clean concrete or steel
Apply By	Stiff brush
Curing Time	Faster than concrete
Thinners	Nil
Shelf Life	18 – 24 Months
Maximum Service Temperature	60°C
Application Temperature Range	15°C to 35°C