

QUICKSET STRUCTURAL ADHESIVE

**EQUAL VOLUME MIX
LOW TEMPERATURE CURING
EXCELLENT SURFACE WETTING
NON-SLUMP AND GAP FILLING PROPERTIES
MOISTURE INSENSITIVE**

PRINCIPAL USES

Room temperature quick curing adhesive for bonding high alumina wear resistant tiles, steel, metal alloys, fibreglass, wood, concrete, ceramics and glass. Indispensable patch repair material. Used as a quick set concrete floor repair material prior to coating with an epoxy.

RESISTANCE

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

SPECIFICATION

All surfaces to be bonded with Pro-Struct 30/35NS Quickset Structural Epoxy Adhesive to manufacturers detailed instructions.

INSTRUCTIONS

Prior to application, the surface must be clean, dry and sound and surfaces should be prepared in accordance with methods 1 or 3 of Surface Preparation Specification. For best results, the contents of both tubs should be placed on a flat clean board, and thoroughly mixed together for approximately 2 – 3 minutes using a trowel or putty knife. Start applying the mixed Pro-Struct 30/35NS Epoxy immediately and continue working until all the mixed material has been used. If mixed material is left in the containers, it will become unusable within 10 – 15 minutes depending on temperature.

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

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 Epoxy on hands with water. Always wash well with soap and water after using this material.

TYPICAL PROPERTIES AT 25°C

Finish	Slight Gloss
Colour	Grey
Consistency	Paste
Volume Solids	100%
Theoretical Coverage	1m ² /litre at 1mm thick
No. of Components	2
Mixing Ratio by Volume	1:1
Pot Life	10 – 15 Minutes
Apply Over	Cleaned, dry, sound Surfaces
Compressive Strength	24 Hrs > 50 MPa 4 Days > 90 MPa
Tensile Strength	> 12 MPa
Steel to Steel Bond Strength	> 10 MPa
Concrete Bond Strength	Breaks concrete
Apply By	Putty Knife
Curing Time	1 – 2 Hours initial set 2 – 4 Hours practical 4 Days full cure
Thinners	Nil
Shelf Life	12 Months
Max Service Temperature	45°C Wet 70°C Dry
Application Temperature Range	2°C to 35°C

See also Instructions “Handling of Epoxy Products”