QUICKSET STRUCTURAL ADHESIVE

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

TYPICAL PROPERTIES AT 25°C

Colour	Dark Grey
Consistency	Paste
Volume Solids	100%
Number of Components	2
Mix Ratio by Volume (Base:Activator)	1:1
Pot Life	15 to 30 Minutes
Apply Over	Prepared metal and concrete surfaces
Apply By	Notched Trowel or Putty Knife
Initial Set	1 Hour at 25°C 9 Hours at 4°C
Service	4 Hours
Full Cure	4 Days
Application Temperature Range	4°C to 35°C
Maximum Service Temperature	70°C
Compressive Strength	> 50 MPa at 24 hours > 90 MPa at 4 days
Concrete Bond Strength	Breaks concrete
Shelf Life	24 Months if stored between 15°C to 30°C

PRODUCT DESCRIPTION:
A two component solvent free fast setting epoxy paste adhesive designed to tolerate damp and low temperature conditions curing to extremely high strengths.

USES:
- Bonding high alumina wear resistant tiles to steel.
- Anchor grouting of bolts, starter bars, dowels and fasteners under adverse climatic conditions.
- Structural adhesive for glass fibre reinforcement or steel plate bonding to strengthen concrete or brick elements to increase load bearing capacity.
- Quickset concrete floor repair material for skimming over cracks and cavities prior to coating.

PACKAGING & COVERAGE:
½ Litre and 2 Litre kits – Part A and B
1m²/litre at 1mm thick

SURFACE PREPARATION:
Surfaces must be clean, sound, dry or damp, but free of standing water. Exposed concrete surfaces must be sandblasted or chipped to show the well-bonded main aggregate. Steel should be grit blasted clean, free of rust, paint or foreign matter likely to affect the bond or performance of the repair.

MIXING:
Precondition material to between 10°C to 25°C before using. Premix each component of the kit. Empty each component of the kit on a clean flat board and thoroughly mix together for 4 to 5 minutes, using a gauging trowel or putty knife until a uniform colour is achieved. If smaller quantities are required for the repair, accurately measure out equal volumes of Base and Activators, i.e. 1:1.

APPLICATION:
Using a notch trowel or putty knife, apply the mixed material to the surfaces, ensuring full contact will be made when items are brought together. Remove squeezed out excess adhesive and smooth exposed glue line with water and a cleaned application tool or sponge.

CLEAN-UP:
Clean equipment immediately after use with Pro-Struct 105 Cleaner and rinse with clean water.

LIMITATIONS:
Application temperature of substrate to be 4°C and rising. Low temperatures adversely affect application spread rates and time to achieve bond. Hot temperatures decrease working time. Do not apply over wet surfaces. Do not thin with solvent.

PRECAUTIONS:
Use materials in strict accordance with the manufacturer's Material Safety Data Sheet. Protective clothing and equipment will significantly reduce risk of injury. Body coverage apparel, safety goggles and impermeable gloves are recommended. In case of contact, flush with copious amounts of water and seek medical attention. Dispose of waste materials and containers in strict accordance with Government Regulations.