

RESIWOOD® SYSTEM CB10T

PRODUCT CODE: 3550 - 400cc also available in 3 Litre, code 3110

DESCRIPTION: **CB10T** is a 2-part thixotropic epoxy adhesive. It may be used in film thicknesses between 0.20mm and 12mm. **CB10T** is specifically formulated for timber and concrete engineering

SPECIFIC USES: High strength timber/concrete adhesive. Low pressure crack injection.

PACKAGING: 400cc **CB10T** is supplied in two screw cap containers, one contains the base resin the other contains the curing agent. Included is a follower plate and empty cartridge assembly. Also available in 3 litre - **CB10T** is supplied in two buckets, one contains the base resin the other contains the curing agent.

Mixing knife Ref:3642. 400cc Skeleton Gun Ref:3667. Available from Rotafix.

PREPARATION OF SUBSTRATE: Cracks and fissures should be treated by air blower or vacuum in order to remove loose or friable dust. For detailed information on injection techniques and preparation, consult our Technical Bulletin CR3 and Technical Information Sheet ref C1093/3. For use as a bonding adhesive on flat timber sections or for in-situ glulam, ensure that all surfaces are free from grease, dust and other coating systems.

MIXING: Add the total contents of the smaller container (hardener) to the contents of the larger container (base). Mix the two pastes thoroughly, ideally using mixing knife reference: 3642. Place the follower-plate onto the surface of the mixed material ensuring it fits parallel in the tub with the outer and central lip pointing upwards. Cut the seal from the front end of the cartridge sleeve. Place the back end of the cartridge vertically and centrally over the hole in the follower-plate. Press the cartridge firmly and continuously down on the follower-plate until the follower-plate bottoms on the mixing tub base. Carefully remove and invert the now full cartridge. Screw on the front injection nozzle and insert the rear plunger.



APPLICATION AND EQUIPMENT: a) *Crack injection or the filling of drilled holes.* Install the full cartridge of **CB10T** into skeleton gun reference:3667. Screw nozzle onto front of cartridge. Fix appropriate size injection tube onto cut end of front nozzle.

b) *For spreader application as an adhesive. Dispense directly from the cartridge without the aid of the front nozzle onto each surface i.e. both faces of any brick/block that needs to be glued back together.*

CURE SCHEDULE:

Workability:	Cure Schedule	Peak Exotherm	
		Not insulated	Insulated
100 mins at +10°C	10 hrs at + 10°C	20°C	30°C
30 mins at + 20°C	5 hrs at + 20°C	50°C	100°C
20 mins at + 30°C	2 hrs at + 30°C	75°C	130°C

MATERIAL USAGE /COVERAGE:

The volumes are as stated on the packs. As a guide 1 litre of mixed **CB10T** at an adhesive thickness of 0.2mm will cover 5m² of timber. As a guide for crack injection 1 litre would inject 20 linear metres of a crack 2mm wide x 25mm deep.

CURED PROPERTIES:

Compressive Strength: >50N/mm² Tensile Strength: 17N/mm²)Provisional
Specific Gravity: 0.98 Flexural Strength:34N/mm²)

CLEANING OF TOOLS:

Uncured **CB10T** may be readily removed from tools and equipment with Rotafix **S200 PC** Solvent Cleaner. Mechanical methods are required to remove cured material.

The site conditions and equipment required when using individual Rotafix products are specific for each project. Only advice given by Rotafix in writing will be considered as part of our contractual liability.

Epoxy resins and their associated curing agents can cause irritation to some people. Please take the necessary precautions indicated in the COSHH details available from our offices.

Please read our Users Safety Guide on the Handling of Resin and Polymer products.

The information in this document is based on practical tests, but given without guarantee insomuch as methods of use by others is beyond our control. Due to continuing development and improvements, it may be necessary to change without notice the material specification. All goods are sold subject to our Standard Conditions of Sale.

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