

Product Selection Guide

COVER OPERATIONS

	APPLICATIONS	SIZES/PACKAGING	FEATURES	COMPARABLE PRODUCTS
CIA-GEL 7000 EPOXY	Threaded rod & rebar dowels, installed into concrete, masonry & wood. Cap seal for crack injection. General high strength bonding.	Cartridges- 10oz, 21oz, 22oz, 54 oz, Bulk-2 gal, 10 gal kits.	Non sag gel for horizontal and overhead anchoring. 15 minute working time. ICC-ES ESR-1702, LACity, Caltrans & most other DOT approvals.	Hilti- HY-150, HY-20, HVA, HEA, HVU, RE-500. Simpson- SET, ET, AT, ITW-Ceramic-6, Granite-5, Powers- Powerfast. Unites- Pro, Poxy 300. Adhesives Technology -HS-200, Sika-Anchorfix 3 & 4, MKT-LiquidRoc 500
DUC UNDERCUT ANCHORS	Dynamic/vibratory loading applications, anchorage in cracked concrete, tilt up retrofits. Firedrilled	3/8" thru 3/4" diameter, L series (A36steel) and series (high it strength A 193 Gr. B7 steel). Also in 3/6 stainless.	Undercut hole allows anchor to work in bearing, not friction. Best reliability & capacity. ICC-ES, LACity, DOT's. Develops full steel capacity (A36 and B7 rod)	Drillco- Maxibolt Williams Form Engineering- S-9 Hilti- HDA Undercut Anchor
CIA-EA EPOXY ACRYLATE	Threaded rod & rebar dowels installed into concrete & masonry. Cold temperature anchoring.	6 oz, 10 oz & 28 oz cartridges.	Non sag paste for horizontal and overhead anchoring. Solvent free, fast dispensing and cure down to 5°F. ICC-ES ESR1702, LARR.	Hilti- HY 150, HY 20 ITW-Acrylic 7, Simpson- Acrylic Tie Powers- AC 100+, AC 5.5, MKT-liquid roc 300, Adhesives Technology-Speedbond 2
CIA-GROUT 7425	Base plate & crane rail grouting, precast concrete element grout, machine foundations.	2 cubic foot unit (single pail w/ resin & hardener +4 bags aggregate). 1/2 cubic foot unit.	Low exotherm, long pot life, deep pour (18"+), non shrink, high strength. Chemical and impact resistant.	Five Star- Epoxy Grout, DP Epoxy Grout Master Builders- Ceilcote 648 CP-Plus Philadelphia Resins- Chock Fast Red Sika- Sikadur 42, Grout-Pak
CIA-FLUID LPL EPOXY	Bonding agent for fresh to existing concrete. General purpose, self leveling epoxy for all applications.	2 gallon and 10 gallon kits.	Medium viscosity, 3 hour open time, meets ASTM C-881. Can be brushed, rolled, or sprayed.	Sika- Sikadur 32 Hi-Mod. Euclid- Euco 452 MV. Burke- Burk Epoxy MV WR Meadows- Reziweld 1000
CIA-FLUID EPOXY	Vertical anchors/dowels in concrete. Injection into concrete, masonry, and wood. Slab repair.	21 & 22 fl oz cartridges, 2 gallon and 10 gallon kits.	Same strength as CIA-Gel 7000. Medium viscosity, fast curing, low odor.	Sika- Sikadur 32 Hi-Mod. Euclid- Euco 452 MV. Burke- BurkEpoxy MV WR Meadows- Reziweld 1000
CIA-INJECTION RESIN 7249	Injection into concrete, masonry, and wood down to 0.010". Self leveling.	21 fl oz cartridges.	High quality cartridge permits use of this product for ultra-portable & economical crack injection system.	Sika- Sikadur 35, Hi-Mod LV Master Builders- Concessive 1370, 1380 Burke- Burk Epoxy LV WR Meadows- Reziweld LV
CIA-SLV RESIN 7412	Injection into very fine cracks, down to 0.003". Self leveling.	3 gallon kits.	2 to 1 mix ratio matches most injection pumps. Very low viscosity.	Sika- Sikadur 35, Hi-Mod LV Master Builders- Concessive 1370, 1380 Burke- Burk Epoxy LV WR Meadows- Reziweld LV

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CIA-Slow Set Injection Resin Curable hydraulic fluid replacement for flat jack applications. Epoxy for prestressed tank tendon injection.	1 gallon and 3 gallon kits.	Non shrink, low exotherm, longpot life.	Master Builders- SCB Concessive 1370. Prime Resins- Prime Rez 1400 Hi-Tech- Hi-Tech HT-ELPL Tamms- Dural 201 Slo-Set Epoxy
EPOXY LOC-2100 General purpose anchoring & bonding to many substrates.	2 gallon and 10 gallon kits.	Non-sag, general bonding epoxy. Economical alternative to CIA-Gel 7000. Meets ASTM C-881.	Sika- Sikadur Injection Gel, Sikadur 31, 33. Unifex-Pro Poxy 300 , Euclid-Euco 452 Gel. Adhesives Technology- Ultrabond 1, HS-200, W R Meadows- Reziweld Gel Paste
CIA-TUFF BOND EPOXY Security/Prison sealant applications. Bonding dissimilar materials.	21 and 22 FL oz cartridges	Non-sag gel. 20% elongation at tensile break. Impact resistant, high peel strength.	Polytite- Prison-Loc 20 Sika- Sikadur Injection Gel, Sikadur 31, 33. Euclid- Euco 452 P

Accessories

DISPENSING TOOLS	Hand dispensing tools for 21 oz, 22 oz, and 28 oz cartridges. Pneumatic dispensing tools for 21 oz, 22 oz, 28 oz, and 54 oz cartridges.
UNDERCUTTER DRILL BITS, BLADES, & BOW JAWS	Undercutter drill bits with SDS shanks. Matched sizes for 3/8", 1/2", 5/8", & 3/4" diameter undercut anchors. Replacement steel bow jaws & carbide cutter blades available for all sizes. Stop drill bits for primary holes.
MIXING NOZZLES & RETAINING NUTS	1/4" diameter nozzles for injection resin. 3/8" dia. step down nozzles for small hole anchoring. Standard 1/2" dia step down nozzle for most applications. 1/2" x 13" high flow nozzle. 3/4" dia. super high flow nozzle (for 54 oz cartridges only). 1/2" and 3/8" retaining nuts for nozzles also available.
WIRE MESH SCREEN TUBES	For hollow substrate applications. Fits in drilled hole diameters 1/2", 5/8", 3/4", 7/8", and 1". Available in 15" length standard except 1" which is available in 8", 13", and 17" lengths.
HOLE BRUSHES	Stiff nylon to clean without creating additional dust. 1/2", 3/4", and 1" diameters.
BLOW OUT NOZZLES	Extra long aluminum tip reaches 24" deep. Handle fits any 1/4" mpt air fitting.
THREADED ROD	3/8" through 1-1/4" diameter rod, cut to length. 22.5 degree bent for URM/UMB applications. Available in A36, A193 Gr. B7, SS 304, & SS 316.
HOLE PLUGS	Tapered plastic hole plugs for overhead anchoring. Fits hole diameters 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", & 1-3/8".
INJECTION PORTS	Surface mounted ports with flat flange bottom and cap. Corner ports with 90 degree flange.