

# MiTek®

## Anchoring Solutions HIGH PERFORMANCE EPOXY & MECHANICAL ANCHORS



**USP** STRUCTURAL CONNECTORS MiTek

**CIA-GEL 6000-GP**

GENERAL PURPOSE PARA USO GENERAL

**QUICK CURE EPOXY**

Epóxido de Curado Rápido

- Working Time: 20 minutes
- Load Time\*: 2 hours
- Full Cure: 24 hours
- De trabajo: 20 minutos
- Tiempo de carga: 2 horas
- Curado completo: 24 horas

**2 HOURS**

- Anchors Threaded Rod or Rebar in Concrete, Brick or Grouted CMU Block Walls
- Fija varillas o barras de refuerzo rosadas en paredes con bloques CMU con lechada, de concreto o ladrillo
- Bonds and Repairs Wood, Steel, Tile, Masonry & Concrete
- Se adhiere a la mayoría de las superficies, incluida madera, acero, baldosas, mampostería y concreto
- Compliant to ASTM C881-14 Epoxy-Resin-Base Bonding Systems for Concrete
- Cumple con ASTM C881 Sistemas de unión a base de resina epóxica de tipo 14 para concreto

\*Can hand-tighten fixtures only in 2 hours at 75°F. Apriete a mano artículos fijos solo en 2 horas a 24°C (75°F).

[www.USPconnectors.com](http://www.USPconnectors.com)

1-800-328-5934  
USP Structural Connectors  
1400 Eastman Drive Suite 200  
Burlington, WI 53105

MADE IN U.S.A.  
RECIBO EN U.S.A.

**USP** STRUCTURAL CONNECTORS MiTek

**CIA-GEL 7000**

MASONRY EPOXY ADHESIVE  
ADHESIVO EPÓXICO PARA MAMPONERÍA

APPROVED FOR MASONRY APPLICATIONS PER ICC-ES AC308

Aprobado Para Aplicaciones En Mampostería Según ICC-ES AC308

- ICC-ES ESR-1702 Complies with 2012 IRC & 2012 IBC
- ICC-ES ESR-1702 Cumple con 2012 IRC y 2012 IBC
- Anchors Threaded Rod or Rebar in Grouted CMU Block Walls, as well as Concrete & Brick
- Fija varillas o barras de refuerzo rosadas en paredes con bloques CMU con lechada, de concreto y ladrillo
- Evaluated for Seismic, Freeze-Thaw, Sustained Load & Elevated Temperature Conditions
- Analizado para condiciones sísmicas, de congelación-descongelación, de carga sostenida y de altas temperaturas
- Recommended for Dry Use Applications
- Se recomienda para aplicaciones de uso seco
- Drinking Water System Component ANSI/NSF 61 (CMR)
- Componente de sistema de agua potable ANSI/NSF 61 (CMR)

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**USP** STRUCTURAL CONNECTORS MiTek

**CIA-EA EPOXY ACRYLATE**  
EPOXIACRILATO

ALL-WEATHER FORMULA  
TODO CLIMA FORMULA

APPROVED FOR UNCRACKED CONCRETE APPLICATIONS PER ICC-ES AC308

APROBADO POR UNCRACKED APLICACIONES CONCRETAS

IAPMO UES ER-0311 Complies with 2009 IRC & 2009 IBC  
IAPMO UES ER-0311 Cumple con IRC 2009 y 2009 IBC

- Anchors Threaded Rod, Rebar & Fasteners into Structural Concrete
- Anclaje de varilla rosada, Rebar y Fijamiento en Hormigón Estructural
- All-Weather Formula Apply in 32°F to 95°F
- Esta fórmula aplica en 0°C y 35°C (32°F y 95°F)
- Low VOC/Styrene Free
- Baja VOC/libre de estireno
- Non-Sag/No-Drip
- No resaca/no goteo
- NSF 61-9 Listed
- Safe for Drinking Water Systems
- Homologado por NSF 61-9
- Seguro para sistemas de agua potable

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1400 Eastman Drive Suite 200  
Burlington, WI 53105

**USP** STRUCTURAL CONNECTORS MiTek

**INCREDI-BOND**

PROFESSIONAL GRADE MULTI-PURPOSE EPOXY

Epoxi multusos Grado Profesional

Fix Almost Everything!  
Arreglar casi todo!

- Cracked Concrete
- Concreto agrietado
- Broken Ceramics
- Cerámica rota
- Damaged Tile & Glass
- Tejido y baldosas dañadas
- Cracked Door Frames
- Marcos de puerta rajados
- Wood Filler
- Repleno para madera
- Repair Stucco
- Repleno estuco
- Fill Holes
- Repleno orificios
- Fasten Concrete Block & Bricks
- Soporta concreto bloques y ladrillos
- 2-Part Formula/Non-Sag/No-Drip
- Fórmula de 2 partes/Resaca a la Resaca/no goteo
- Concrete Gray Color
- Color gris para concreto
- Trowelable/Sandable/Paintable
- Se puede aplicar con llana, lijarse y pintarse
- Cures in Damp Environments
- Cura en ambientes húmedos

\*Not recommended for structural applications. No recomendado para aplicaciones estructurales.

1-800-328-5934  
USPconnectors.com

LOT 16029700

**USP** STRUCTURAL CONNECTORS MiTek

**CIA-GEL 7000-C**

STRUCTURAL CONCRETE EPOXY  
EPÓXICO DE CONCRETO ESTRUCTURAL

APPROVED FOR CRACKED AND UNCRACKED APPLICATIONS PER ICC-ES AC308

APROBADO PARA APLICACIONES CON GRIETAS Y SIN GRIETAS

- IAPMO-ES ER-437 Complies with 2015 and 2012 IBC and IRC
- IAPMO-ES ER-437 Cumple con 2015 y 2012 IBC y IRC
- Anchors Threaded Rod or Rebar in Uncracked or Cracked Concrete
- Fija varillas rosadas o barras de refuerzo en concreto con o sin grietas
- Works in Dry, Saturated or Water Filled Holes
- Funciona en orificios secos, saturados o llenos de agua
- NSF 61 Listed
- Safe for Drinking Water Systems
- Homologado por NSF 61
- Seguro para sistemas de agua potable

**USPconnectors.com**  
1-800-328-5934

**CONVERT**  
P R E P A R E D

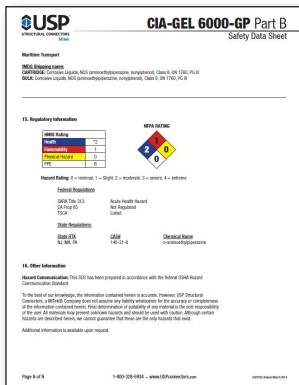
**LEFAP**  
ER-472

Certified to NSF/ANSI 61  
Certificado según NSF/ANSI 61

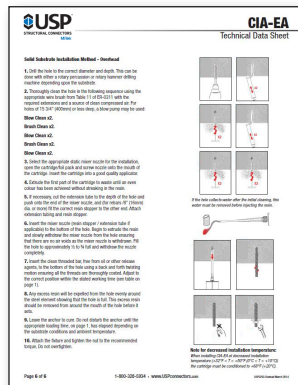
**element**  
Accredited Test Lab No. 217

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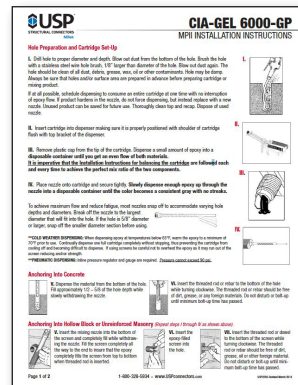
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Safety Data Sheets (SDS)



Technical Data Sheets (TDS)

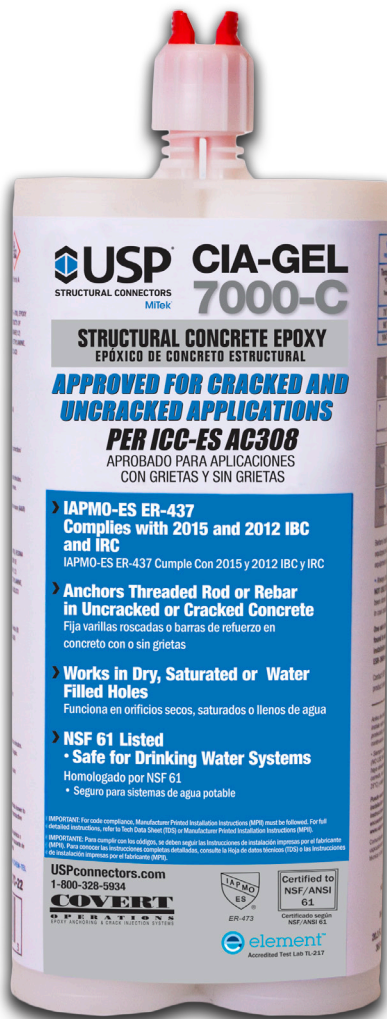


Manufacturers Published Installation Instructions (MPII)

Visit [USPconnectors.com/us/products/anchoring-solutions/anchoring-epoxy](http://USPconnectors.com/us/products/anchoring-solutions/anchoring-epoxy) for the latest SDS, TDS and MPII sheets.



## Best for seismic applications with cracked concrete



Available in :  
**8.5-fl oz – GEL7C-10**  
**20.3-fl oz – GEL7C-22**

## CIA-GEL 7000-C Code Compliant Epoxy

### IAPMO ER-473 Complies with 2015 IBC & 2015 IRC

CIA-GEL 7000-C Epoxy is an adhesive designed to attach threaded anchor rods into concrete that may become, cracked due to cyclic loading from earthquakes or wind. It may also be used with fully grouted CMU construction. It is a low odor, solvent free, non-shrink, non-sag adhesive. The two-component (resin and hardener) epoxy is supplied in equal volume cartridges, which are combined in a 1:1 ratio when dispensed through the attached mixing nozzle. Either a hand powered or air-powered dispenser may be used. The cartridges are sealed with a D-plug which opens easily on the jobsite and allows partially used cartridges to be saved for later use. The epoxy has a two year shelf life when stored in unopened containers at temperatures between 50°F and 77°F.

### Features:

- Designed for tension and shear loads due to wind or earthquake (Seismic Design Category C – F)
- High Strength: 1/2" Ø anchor with 3" embedment has an allowable static tension force over 2,400 lbs (B7 threaded rod, f'c = 2,500 psi)
- 15 minute gel time and 8 hour cure time (between 59°F to 72°F) provides convenient installation
- Use with threaded steel rod or deformed rebar
- Can be installed in dry, saturated or water filled holes
- No shrinkage
- Can also be used for horizontal and overhead installations (max size 1-1/4" rod or #10 rebar)
- Easy to dispense
- MXDA free (Meta-xylenediamine) and VOC free (volatile organic compounds)

### Applications:

- Anchors continuously threaded steel rod and deformed rebar into concrete
- Hold downs into concrete for high seismic zones (SDC C-F)
- Horizontal and overhead anchoring applications (requires special inspection)

### Code Evaluations:

**FL 17248**  
**LA City RR 25991**  
**IAPMO ES ER-473**



**Best for applications in fully grouted masonry**



**Available in :**  
**8.6-fl oz – GEL7-10**  
**21.2-fl oz – GEL7-22**

**CIA-GEL 7000 Masonry Approved Epoxy**

**ICC-ES ESR-1702 Complies with 2015 IBC & 2015 IRC**

CIA-GEL 7000 Epoxy is a structural adhesive specifically designed to attach threaded anchor rods into fully grouted concrete masonry units (CMU) and has recently been evaluated to ICC-ES AC58 for seismic, sustained load, elevated temperature and freeze-thaw suitability conditions. It can also be used to install anchor rods into uncracked concrete and reinforced brick. It is a low odor, solvent free, non-shrink adhesive. The two-component (resin and hardener) epoxy is supplied in equal volume cartridges, which are combined in a 1:1 ratio when dispensed through the attached mixing nozzle. Either a hand powered or air-powered dispenser may be used. The epoxy has a two year shelf life when stored in unopened containers at a temperature of 70°F.

**Features:**

- Designed for tension and shear loads due to wind or earthquake
- Can also be used for long term static tension and shear loads
- High Strength: 1/2" Ø anchor with 4-1/2" embedment has an allowable static tension force over 1,600 lbs (A 307 threaded rod, Grade N CMU)
- Hardware may be installed and nuts tightened in 6 hours with full cure in 36 hours (between 61°F to 70°F)
- Use with threaded steel rod or deformed rebar
- No shrinkage
- MXDA free (Meta-xylenediamine) and VOC free (volatile organic compounds)

**Applications:**

- Anchors continuously threaded steel rod and deformed rebar into fully grouted CMU
- Brick veneer anchoring
- Crack injection of medium to wide cracks
- Anchors rebar and threaded steel rod into uncracked concrete

**Code Evaluations:**

**ICC ES ESR-1702**

**FL 17247**

**LA RR Pending, Contact Customer Service**



ESR - 1702



Certified to NSF/ANSI 61

Drinking Water Certification

Best for concrete doweling applications where DOT approval is required



Available in :  
21.2-fl oz – GEL6GP-22

## General Purpose - Quick Cure Epoxy

### Tested to AC-58 standards - Compliant to ASTM C881-10

CIA-GEL 6000-GP is a superior epoxy specifically designed for general purpose structural applications that require quick load times and for doweling applications requiring state DOT approval. It is a two-component (1:1 ratio) adhesive epoxy with 100% solids and is solvent free, moisture insensitive, non-sag and has no odor. It provides exceptional strength in anchoring and doweling applications and can be used in temperatures between 35°F and 115°F. The epoxy has a two year shelf life when stored in unopened containers at temperatures between 40°F and 95°F.

### Features:

- Exceptional bond strength: 3,400 psi in 2 days @ 75°F
- Working Time: 20 minutes @ 75°F
- Load Time: Can apply 25% Full Load in 2 hours @ 75°F, 100% full load in 32 hours @ 75°F
- VOC free (volatile organic compounds)

### Applications:

- Doweling applications for rebar and tie bars for full depth concrete pavement repairs
- Anchoring and bracing for short term tensile load where dynamic, vibratory, wind or intermittent loads exist
- Use in concrete, grout filled block and unreinforced masonry for general purpose anchoring and doweling applications
- Concrete doweling road repairs where DOT approval is required.

### Codes and Standards:

- Independently tested to ASTM C881-10, ASTM D695, ASTM D638, ASTM C882, ASTM C881, ASTM D648, ASTM D520 & ASTM C531
- AASMT0 M235
- DOT Approved in numerous states.



**Best for anchoring all threaded rods into uncracked concrete in colder temperatures**



**Available in : 9.4-fl oz – EA-10**

**Epoxy Acrylate Structural Adhesive**

**IAPMO ER-0311, ICC-ES AC308, Complies with 2012 IBC and 2012 IRC**

CIA-EA Adhesive Anchoring System is an epoxy acrylate specifically designed to be a high strength, fast cure structural adhesive for anchoring threaded rod and deformed rebar into uncracked concrete. It has the added advantage of being formulated to be used in colder temperatures (32°F) while maintaining excellent flowability. CIA-EA may also be used with fully grouted CMU and reinforced brick construction. It is a 2-component, 100% solids, moisture insensitive adhesive that is ideally suited for a wide range of applications. It is composed of a proprietary blend of solvent free epoxy acrylate resin and is backed by independent research and testing. The epoxy has a 15 month shelf life when stored in unopened containers at temperatures between 41°F to 77°F.

**Features:**

- Approved for static, wind and seismic (SDC A-B) loads for uncracked concrete
- NSF 61-9 Listed, safe for water treatment projects and other drinking water systems
- High performance acrylate epoxy cures in 40 minutes (68°F to 95°F)
- Partially used cartridges may be resealed for later use
- All weather formula, can be installed in base material temperature of 32°F to 95°F
- Can be installed in damp holes
- Cartridge fits in a single component dispenser
- VOC free (volatile organic compound)

**Applications:**

- Anchor steel threaded rod into concrete
- May also be used to anchor rebar, started bars and dowels
- Applications requiring fast cure times
- Cold weather applications
- Can be used in horizontal anchoring applications
- Can be used in overhead anchoring applications (requires special inspection)

**Code Evaluations: IAPMO ES ER-473**

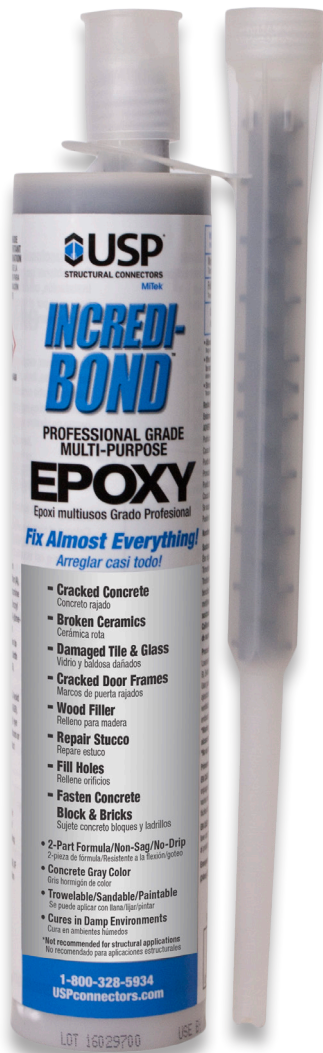


**ER - 0311**



Certified to NSF/ANSI 61  
**Drinking Water Certification**

**Best for multi-purpose maintenance, repair & overhaul projects**



**Available in :  
8.6-fl oz – IB-9**

**Multi-Purpose Bonding & Repair Epoxy**

Incredi-Bond® is a high strength two- component epoxy specifically designed to be a bonding agent for almost all household materials including wood, steel, concrete, brick, stone and CMU block. It is moisture insensitive and can also be used to fill cracks in concrete, block and stone. The epoxy has a 2 year shelf life when stored in unopened containers in dry conditions between 40°F to 95°F.

**Features:**

- High Strength (over 1,000 psi bond strength in 2 days)
- Quick initial Cure (2 hours at 75° F)
- Convenient 30 minute working time
- Non-sag formulation makes this excellent for overhead patching and repairs
- Moisture insensitive – can be used on damp surfaces
- Recommended for installation between 40°F to 100°F
- Easy tool clean up with M.E.K. or WD-40
- 100% solvent free system means low VOC content

**Applications:**

- Bonding applications for:
  - Concrete
  - Brick
  - CMU block
  - Stone
  - Metal
  - Wood
- Repair vertical and overhead cracks in concrete (non-structural)
- Repair vertical and overhead spalls in concrete (5/8" deep & 3" diameter max)
- Non-sag consistency makes this ideal for corner repairs to concrete and block walls
- Repair and replace brick
- Replace pool tile (no need to empty pool)
- Fill holes and cracks
- Not recommended for structural applications

## Ductile Undercut (DUC) Anchor

### ICC-ES ESR-1970 Complies with 2015 IBC & 2015 IRC

The DUC Undercut Anchor consists of an ASTM A36 or A193 Grade B7 threaded stud, a thick-walled expansion sleeve, an expander coupling and a nut and washer (316 stainless steel is also available). The DUC Undercut Anchor is installed into a pre-drilled hole which has been enlarged at the bottom in the shape of a reversed cone. The reverse cone is created using the UCB Undercutting Bit. The UCB Undercutting Bit fits into SDS or SDS Max rotary hammer drills and guarantees the correct angle of the reverse cone. The anchor is expanded into the reverse cone when the expansion sleeve is driven over the expander coupling. The result is an anchor which transfers load mainly through bearing, and unlike a typical expansion anchor (sleeve, heavy duty sleeve, wedge and drop-ins), the DUC is not dependent upon friction between the expansion sleeve and the concrete. Due to the use of a thick walled expansion sleeve, the load is distributed to a large area which ensures ductile behavior of the anchor even at relatively shallow embedments.

### Code Evaluations:

**ICC ES ESR-1970, FL 17229, LA City RR 25753**

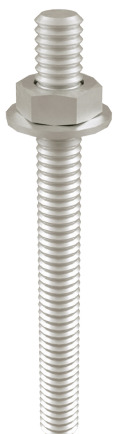


**UCB Undercut Drill Bit**



**DUC Undercut Anchor**

USP Stock No.	Rod Dia. D <sub>b</sub>	Expansion Coupling Dia. D <sub>bit</sub>	Drilled Hole Depth of Stop Bit, t <sub>i</sub>	Effective Embedment h <sub>ef</sub>	Anchor Length, l <sub>b</sub>	Allowable Tensile Capacity, N <sub>s</sub>	Allowable Shear Capacity V <sub>s</sub>	
DUC38-275L	3/8	5/8	3-1/8	2-3/4	5-1/2	2087	1043	
DUC38-275LT								
DUC38-400H			4-3/8	4	6-3/4	4497	2254	
DUC38-400HT								
DUC12-400L	1/2	3/4	4-1/4	4	7	3821	1909	
DUC12-400LT								
DUC12-500H			5-1/4	5	6-3/4	8	8235	4111
DUC12-500HT								
DUC12-675H								
DUC12-675HT								
DUC58-450L	5/8	1	5	4-1/2	7-3/4	6086	3047	
DUC58-450LT								
DUC58-750H			8	7-1/2	10-3/4	13116	6552	
DUC58-750HT								
DUC58-900H	9-1/2	9	12-1/4	9007	4497			
DUC58-900HT								
DUC34-500L	3/4	1-1/8	5-7/8	5	8-5/8	9007	4497	
DUC34-500LT								
DUC34-1000H			10-7/8	10	13-5/8	19411	9692	
DUC34-1000HT								



**THR**



**Typical THR application**

## THR Series Threaded Rod

Many builders secure the 2x sill plate to the foundation using epoxied threaded rods. This method provides accurate location and alignment of the rod and eliminates the need to coordinate cast-in-place anchor rods. The THR Series ASTM A36 Hot-Dip galvanized threaded rod can be ordered in 1/2" or 5/8" diameters. Nuts and washers are included. We also offer two longer lengths of the 5/8" diameter rod for anchor applications involving lighter uplift loads.

USP Stock No.	Bolt Dia. (in)	L (in)
<b>Sill Plate Application</b>		
THR125-HDG	1/2	5
THR126-HDG	1/2	6
THR128-HDG	1/2	8
THR585-HDG	5/8	5
THR588-HDG	5/8	8
<b>Uplift Application<sup>1</sup></b>		
THR5812-HDG	5/8	12
THR5816-HDG	5/8	16

1) Contact USP Structural Connectors for appropriate embedment length for your application.





**Wedge-Bolt®+ Screw Anchor (Zinc Plated)**



**Wedge-Bolt®+ Screw Anchor (Mechanically Galvanized)**



**SDS-Max Wedge Bit**



**SDS-Plus Wedge Bit**

## Wedge Bolt®+ Screw Anchor

### ICC-ES ESR-1678 & ESR-2526

The Wedge-Bolt®+ anchor is a one piece, heavy duty screw anchor with a finished hex head. It is simple to install, easy to identify and fully removable. The Wedge-Bolt®+ has features and benefits that make it well suited for many applications. The steel threads along the anchor body tap into the hole during installation to provide key engagement. Suitable base materials include normal-weight concrete, structural sand-lightweight concrete, concrete over steel deck, concrete masonry and solid clay brick. The anchor is designed for structural loading in cracked and uncracked concrete.

### Wedge Bolt®+

Finish	USP Stock No. <sup>2</sup>	Anchor Size (in) <sup>1</sup>
Zinc Plated	7204SD	1/4 x 1-1/4
	7206SD	1/4 x 1-3/4
	7208SD	1/4 x 2-1/4
	7210SD	1/4 x 3
	7220SD	3/8 x 1-3/4
	7222SD	3/8 x 2-1/2
	7224SD	3/8 x 3
	7226SD	3/8 x 4
	7228SD	3/8 x 5
	7230SD	3/8 x 6
	7240SD	1/2 x 2
	7242SD	1/2 x 2-1/2
	7244SD	1/2 x 3
	7246SD	1/2 x 4
	7248SD	1/2 x 5
	7250SD	1/2 x 6
Mechanically Galvanized	7268SD	1/2 x 6-1/2
	7252SD	1/2 x 8
	7260SD	5/8 x 3
	7262SD	5/8 x 4
	7264SD	5/8 x 5
	7266SD	5/8 x 6
	7270SD	5/8 x 8
	7280SD	3/4 x 3
	7282SD	3/4 x 4
	7284SD	3/4 x 5
7286SD	3/4 x 6	
7288SD	3/4 x 8	
7290SD	3/4 x 10	
7726SD	3/8 x 4	
7728SD	3/8 x 5	
7730SD	3/8 x 6	
7746SD	1/2 x 4	
7748SD	1/2 x 5	
7750SD	1/2 x 6	
7751SD	1/2 x 6-1/2	
7752SD	1/2 x 8	
7764SD	5/8 x 5	
7766SD	5/8 x 6	
7768SD	5/8 x 6-1/2	
7770SD	5/8 x 8	
7786SD	3/4 x 6	
7789SD	3/4 x 8-1/2	
7790SD	3/4 x 10	

### Wedge Bits

USP Stock No.	Description	Usable Length
1314	SDS 1/4" x 6"	4"
1318	SDS 3/8" x 8"	6"
1384	HD Straight Shank 3/8" x 13"	4"
1322	SDS 1/2" x 10"	8"
1354	SDS-Max 1/2" x 13"	8"
1394	HD Straight Shank 1/2" x 13"	11"
1324	SDS 5/8" x 8"	6"
1326	SDS 5/8" x 12"	10"
1356	SDS-Max 5/8" x 13"	8"
1396	HD Straight Shank 5/8" x 13"	11"
1328	SDS 3/4" x 8"	6"
1358	SDS-Max 3/4" x 13"	8"

1) The anchor size includes the diameter and length of the anchor measured from under the head.  
2) Wedge-Bolt+ is marked with a blue tip and must be installed with a matched tolerance Wedge-Bit.

## Power-Stud™ HD5

The Power-Stud™ HD5 anchor is a fully threaded, torque-controlled, wedge expansion anchor. Suitable base materials include normal-weight concrete and structural sand-lightweight concrete. The anchor is manufactured with a hot-dip galvanized carbon steel body and stainless steel expansion clip. Nut and washer are included.

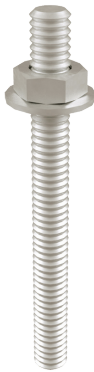


**Power-Stud™ HD5 (Carbon Steel Body & Expansion clip)**

USP Stock No. <sup>2</sup>	Anchor Size (in) <sup>1</sup>	Thread Length (in)
7723HD5	1/2 x 4-1/2	2-3/4
7724HD5	1/2 x 5-1/2	3-3/4
7726HD5	1/2 x 7	5-1/4
7733HD5	5/8 x 5	3
7734HD5	5/8 x 6	4
7738HD5	5/8 x 8-1/2	6-1/2

1) The anchor size includes the diameter and the overall length of the anchor.  
2) All anchors are packaged with nuts and washers.

CIA-GEL 7000-C		
USP #	GEL7C-10	GEL7C-22
Size	9.4-fl oz	20.3-fl oz
Dispensers	USP HDT-10 Cox 300ml Manual	USP HDT-22 USP PDT-22 Newborn 600ml Manual Newborn 600ml Pneumatic
Nozzle(s)	7C-SMN	7C-SMN 7C-XLMN



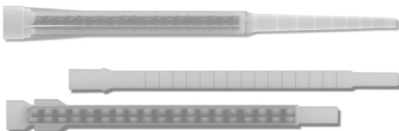
Threaded Rod					
Rod Dia.	Hole Dia. (in.)	Wire Brush Type	Nozzle Type	Extension Tube (if needed)	Resin Stopper (if needed)
3/8	1/2	7CHCB-12	7C-SMN	FXT-38	n/a
1/2	9/16	7CHCB-916	7C-SMN	FXT-38	n/a
5/8	3/4	7CHCB-34	7C-SMN or 7C-XLMN	FXT-916	ERS-34
3/4	7/8	7CHCB-78	7C-XLMN	FXT-916	ERS-34
7/8	1	7CHCB-1	7C-XLMN	FXT-916	ERS-1
1	1-1/8	7CHCB-118	7C-XLMN	FXT-916	ERS-1
1-1/4	1-3/8	7CHCB-138	7C-XLMN	FXT-138	ERS-138



Rebar					
Rebar Size	Hole Dia. (in.)	Wire Brush Type	Nozzle Type	Extension Tube (if needed)	Resin Stopper (if needed)
No 3	9/16	7CHCB-916	7C-SMN	FXT-38	n/a
No 4	5/8	7CHCB-58	7C-SMN or 7C-XLMN	FXT-38	n/a
No 5	3/4	7CHCB-34	7C-SMN or 7C-XLMN	FXT-916	ERS-34
No 6	7/8	7CHCB-1*	7C-XLMN	FXT-916	ERS-34
No 7	1	7CHCB-118*	7C-XLMN	FXT-916	ERS-1
No 8	1-1/8	7CHCB-112*	7C-XLMN	FXT-916	ERS-1
No10	1-3/8	7CHCB-158*	7C-XLMN	FXT-916	ERS-138

\* Increased brush size required for rebar

### Mixing Nozzles



### Hand Dispensing Tool



### Extension Tube



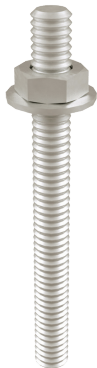
### Resin Stoppers



### Wire Brush



CIA-GEL 7000		
USP #	GEL7-10	GEL7-22
Size	8.3 -fl oz	21.2-fl oz
Dispensers	USP HDT-10 Cox 300ml manual	USP HDT-22 USP PDT-22 Newborn 600ml manual Newborn 600ml pneumatic
Nozzle(s)	7C-SMN	7C-SMN 7C-XLMN



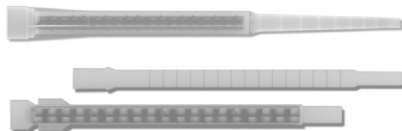
Threaded Rod					
Rod Dia.	Hole Dia. (in.)	Wire Brush Type	Nozzle Type	Extension Tube (if needed)	Resin Stopper (if needed)
3/8	1/2	7CHCB-12	7C-SMN	FXT-38	n/a
1/2	5/8	7CHCB-916	7C-SMN	FXT-38	n/a
5/8	3/4	7CHCB-34	7C-SMN or 7C-XLMN	FXT-916	ERS-34
3/4	7/8	7CHCB-78	7C-XLMN	FXT-916	ERS-34
7/8	1	7CHCB-1	7C-XLMN	FXT-916	ERS-1
1	1-1/4	7CHCB-118	7C-XLMN	FXT-916	ERS-1
1-1/4	1-1/2	7CHCB-138	7C-XLMN	FXT-138	ERS-138



Rebar					
Rebar Size	Hole Dia. (in.)	Wire Brush Type	Nozzle Type	Extension Tube (if needed)	Resin Stopper (if needed)
No 3	9/16	7CHCB-916	7C-SMN	FXT-38	n/a
No 4	5/8	7CHCB-58	7C-SMN or 7C-XLMN	FXT-38	n/a
No 5	3/4	7CHCB-34	7C-SMN or 7C-XLMN	FXT-916	ERS-34
No 6	7/8	7CHCB-1*	7C-XLMN	FXT-916	ERS-34
No 7	1	7CHCB-118*	7C-XLMN	FXT-916	ERS-1
No 8	1-1/8	7CHCB-112*	7C-XLMN	FXT-916	ERS-1
No10	1-3/8	7CHCB-158*	7C-XLMN	FXT-916	ERS-138

\* Increased brush size required for rebar

## Mixing Nozzles



## Hand Dispensing Tool



## Extension Tube



## Resin Stoppers



## Wire Brush

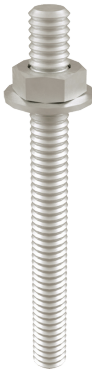




CIA-GEL 6000-GP	
USP #	GEL6GP-22
Size	21.2-fl oz
Dispensers	USP HDT-22 USP PDT-22 Newborn 600ml manual Newborn 600ml pneumatic
Nozzle(s)	7C-SMN 7C-XLMN



**Threaded Rod**



Rod Dia.	Hole Dia. (in.)	Wire Brush Type	Nozzle Type	Extension Tube (if needed)	Resin Stopper (if needed)
3/8	1/2	7CHCB-12	7C-SMN	FXT-38	n/a
1/2	5/8	7CHCB-916	7C-SMN	FXT-38	n/a
5/8	3/4	7CHCB-34	7C-SMN or 7C-XLMN	FXT-916	ERS-34
3/4	7/8	7CHCB-78	7C-XLMN	FXT-916	ERS-34
7/8	1	7CHCB-1	7C-XLMN	FXT-916	ERS-1
1	1-1/4	7CHCB-118	7C-XLMN	FXT-916	ERS-1
1-1/4	1-1/2	7CHCB-138	7C-XLMN	FXT-138	ERS-138

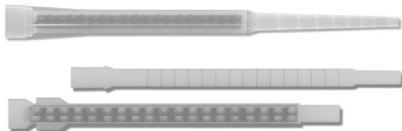
**Rebar**



Rebar Size	Hole Dia. (in.)	Wire Brush Type	Nozzle Type	Extension Tube (if needed)	Resin Stopper (if needed)
No 3	9/16	7CHCB-916	7C-SMN	FXT-38	n/a
No 4	5/8	7CHCB-58	7C-SMN or 7C-XLMN	FXT-38	n/a
No 5	3/4	7CHCB-34	7C-SMN or 7C-XLMN	FXT-916	ERS-34
No 6	7/8	7CHCB-1*	7C-XLMN	FXT-916	ERS-34
No 7	1	7CHCB-118*	7C-XLMN	FXT-916	ERS-1
No 8	1-1/8	7CHCB-112*	7C-XLMN	FXT-916	ERS-1
No10	1-3/8	7CHCB-158*	7C-XLMN	FXT-916	ERS-138

\* Increased brush size required for rebar

**Mixing Nozzles**



**Hand Dispensing Tool**



**Extension Tube**



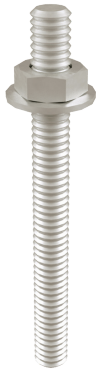
**Resin Stoppers**



**Wire Brush**



CIA-EA	
USP #	EA-10
Size	9.4-fl oz
Dispensers	USP HDT-9 Cox 41004-2T 280ml manual
Nozzle	EA-SMN



Threaded Rod					
Rod Dia.	Hole Dia. (in.)	Wire Brush Type	Nozzle Type	Extension Tube (if needed)	Resin Stopper (if needed)
5/16	3/8	EAHCB-516	EA-SMN	n/a	n/a
3/8	1/2	EAHCB-38	EA-SMN	FXT-38	n/a
1/2	9/16	EAHCB-12	EA-SMN	FXT-38	n/a
5/8	3/4	EAHCB-916	EA-SMN	FXT-916	ERS-34
3/4	7/8	EAHCB-34	EA-SMN	FXT-916	ERS-34
1	1-1/8	EAHCB-1	EA-SMN	FXT-916	ERS-1

**Mixing Nozzle**



**Hand Dispensing Tool**



**Extension Tube**



**Resin Stoppers**



**Wire Brush**



USP #	Description	Qty/Box
<b>Tools</b>		
PDT-22	Pneumatic Dispensing Tool 21oz	1
HDT-10	Hand Dispensing Tool 10oz	1
HDT-9	Hand Dispensing Tool 9oz	1
HDT-28	Hand Dispensing Tool 28oz	1
<b>Brushes</b>		
NB129	1/2" Nylon Brush	20
NB3412	3/4" Nylon Brush	1
NB118	1" Nylon Brush	1
<b>Air Nozzle Extension</b>		
AN18	18" Air Nozzle Extension	1
<b>Injection Ports</b>		
CCP	Corner Port	1
CINOZ	1/4" x 13" Injection Nozzel	1
CIP	Injection Port	1
CPHA	Port Hose Adapter	1
<b>Wire Mesh Screen Tubes</b>		
CST1215	1/2" x 15" Seismic Screen Tube	50
CST151608	15/16" x 8" Seismic Screen Tube	50
CST151617	15/16" x 17" Seismic Screen Tube	50
CST3415	3/4" x 15" Seismic Screen Tube	50
CST5815	5/8" x 15" Seismic Screen Tube	50
<b>Overhead Hole Plugs</b>		
HP12	1/2" Hole Plug	1
HP58	5/8" Hole Plug	1
HP34	3/4" Hole Plug	1
HP78	7/8" Hole Plug	1
HP1	1" Hole Plug	1
HP118	1-1/8" Hole Plug	1
HP114	1-1/4" Hole Plug	1
HP138	1-3/8" Hole Plug	1

**PDT-22**



**Nylon Brush**



**18" Air Nozzle Extension**



**Wire Mesh Screen Tube**



**Overhead Hole Plug**





## RETURNS:

Materials returned for credit or exchange will be accepted only under the following conditions:

1. Only full cartons of products may be returned.
2. All returns must be in saleable conditions.
3. Materials must be current, cataloged, under warranty and purchased within 90 days of return. Returning materials for credit or exchange are subject to a minimum restocking charge of 15% if returned within 30 days of purchase and 25% if returned between 30 and 90 days after purchase. The restocking charge may be increased, in the sole discretion of USP, to include other fees incurred by USP in connection with the return, such as any fees incurred in repackaging the materials or in both cases plus any freight expenses originally incurred by USP in the delivery of said materials.
4. Any returned epoxies or adhesives must have a minimum of 12 months remaining shelf life at time of the return.
5. Customer must provide the invoices that reflect the price and amount of products to be returned. Prior to returning any product to USP, Customer must obtain USP approval and a return goods authorization number from USP. Freight carrier and routing must also be approved by USP.
6. Materials received by USP without prior approval and authorization number will be returned, freight collect, to the Customer. Return goods authorization number must be printed on outer carton.
7. All transportation charges must be paid by Customer. If USP determines the product to be defective, Customer's account will be credited, including the appropriate freight charges.

*Specials, custom orders and discontinued products, defined at the sole discretion of USP, cannot be returned.*

*CIA-GEL 7000 products may not be returned.*

*Epoxy and Adhesive Products are not eligible for inventory re-balancing options.*


## DISCLAIMERS/WARRANTY:

USP warrants to the Buyer that this product is in good quality and conforms to the manufacturer's specifications in force on the date of manufacture and when used in accordance with the Manufacturers Published Installation Instructions (MPII's) and when stored as directed in the technical literature. Manufacturer cannot warrant or guarantee any particular method of use, performance or application under any particular condition and Buyer is responsible for determining the suitability of intended purpose and assumes all risks therein. USP shall not be liable for any injury, loss, cost of labor or consequential damages either directly, indirectly or incidentally arising out of the use or misuse of any product sold by USP or another distributor. If the product is proven to be in nonconformance, the Buyers sole remedy shall be a refund of the purchase price or replacement of product.



# Product Comparison

This Product Comparison Chart is intended for general guidance only and should not be used as the only basis to substitute specified products without verification.

	USP Epoxy	SIMPSON	REDHEAD	POWERS	HILTI
Cracked Concrete	 <b>CIA-GEL 7000-C</b>	 <b>SET-XP / ET-HP / AT-XP</b>	 <b>G5 / S7</b>	 <b>PE1000+ / Pure110 AC100+</b>	 <b>HY 200 / RE 500-SD</b>
Masonry	 <b>CIA-GEL 7000</b>	 <b>SET / AT-XP / AT</b>	 <b>A7 / C6</b>	 <b>Pure50+</b>	 <b>HY 70 / HY 150</b>
DOT & General Purpose	 <b>CIA-GEL 6000-GP</b>	 <b>EDOT</b>	 <b>C6</b>	 <b>AC50 Silver</b>	 <b>HFX</b>
Uncracked Concrete	 <b>CIA-EA</b>	 <b>AT</b>	<b>N/A</b>	 <b>T308+</b>	 <b>HY 100 / HY 150</b>

## Customer Service and Technical Assistance

Monday - Friday 6:30AM - 6:00PM CST.

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Fax 1-952-898-8605

USPconnectors.com

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