



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Zea Corporation dba Unitex
3101 Gardner Ave.
Kansas City, MO 64120**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "Pro-Proxy 300" Fast Adhesive Anchor

APPROVAL DOCUMENT: Drawing No. 1, titled "Pro-Proxy 300 Fast Adhesive Anchor", sheet 1 of 1, prepared, signed sealed Lee Mattis, P.E., dated 2/3/99, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews NOA # 98-0430.02** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Raul Rodriguez**.



**NOA No 02-0222.02
Expiration Date: March 4, 2007
Approval Date: April 25, 2002
Page 1**

TABLE 1 - PRO-POXY 300 FAST ALLOWABLE TENSION VALUES (lbs) FOR THREADED ROD MEETING ASTM A-193 INSTALLED IN NORMAL WEIGHT CONCRETE

Anchor Diameter (inches)	Bit Diameter (inches)	Embedment (inches)	Allowable Bond Strength (lbs)	
			2500 psi Concrete	5500 psi Concrete
3/8	7/16	3-3/8	1825	2300
3/8	7/16	5-5/8	2745	2935
1/2	9/16	4-1/2	2635	3230
1/2	9/16	7-1/2	3665	4840
5/8	3/4	5-5/8	3700	5735
5/8	3/4	9-3/8	5390	7740
3/4	7/8	6-3/4	5595	7340
3/4	7/8	11-1/4	7580	9590
7/8	1	7-7/8	5708	8910
7/8	1	13-1/8	7455	
1	1-1/8	9	5825	8565
1	1-1/8	15	9585	
1-1/4	1-3/8	11-1/4	9290	14090
1-1/4	1-3/8	18	12545	

TABLE 2 - PRO-POXY 300 FAST ALLOWABLE TENSION VALUES (lbs) FOR REINFORCING STEEL MEETING A615 GRADE 60 IN NORMAL WEIGHT CONCRETE

Bar Size	Bit Diameter (inches)	Embedment (inches)	Allowable Bond Strength (lbs)	
			2500 psi Concrete	5500 psi Concrete
#3	1/2	3-3/8	1770	2755
#4	5/8	4-1/2	3075	4290
#5	3/4	5-5/8	4000	5405
#6	1	6-3/4	4610	5405
#7	1-1/8	7-7/8	6155	7665
#8	1-1/4	9	6785	8220

TABLE 3 - PRO-POXY 300 FAST ALLOWABLE TENSION VALUES (lbs) FOR SMOOTH DOWELS MEETING ASTM A36 IN 3000 PSI CONCRETE

Anchor Diameter (inches)	Bit Diameter (inches)	Embedment (inches)	Allowable Bond Strength (lbs)
1/2	9/16	4-1/2	1510
5/8	3/4	5-5/8	1690
3/4	7/8	6-3/4	3000
7/8	1	7-7/8	3555
1	1-1/8	9	6045

TABLE 4 - PRO-POXY 300 FAST ALLOWABLE SHEAR VALUES FOR THREADED ROD INSTALLED IN MINIMUM 2500 PSI CONCRETE

Anchor Diameter (inches)	Bit Diameter (inches)	Embedment (inches)	Allowable Bond Strength (lbs)
1/2	9/16	4-1/2	2630
3/4	7/8	6-3/4	5275

- D = Anchor Diameter
- 1) Allowable Values are equal to Ultimate Values divided by the safety factor of 4.
 - 2) Cure Time 24 hours.
 - 3) Edge Distance for Tension Loading is 12D. 0.70 Reduction Factor for 4D minimum edge distance.
 - 4) Edge Distance for Shear Loading is 12D for threaded rod & dowels, and 16D for rebar. 0.22 Reduction Factor for threaded rod & dowels, and 0.17 Reduction Factor for rebar for 4D minimum edge distance in shear.
 - 5) Spacing is 24D. 0.90 Reduction Factor for minimum spacing of 8D.

PRO-POXY 300 FAST

CARTRIDGE/BULK INSTRUCTIONS:

- 1) Read and understand all literature and safety warnings.
- 2) Normal use between 40°F & 100°F. Slowly precondition material to approx. 70°F for easier gunning in cold weather and proper consistency in warmer weather.
- 3) Remove end plugs from cartridge.
- 4) Slide retaining nut over static mixer. Secure static mixer to cartridge by screwing retaining nut onto cartridge. Static mixer tip may be cut off to third notch for easier gunning.
- 5) Place assembled cartridge into approved pneumatic or hand gun for use.
- 6) Extrude material until a uniform color is achieved.
- 7) Dispense under a constant uniform pressure. If dispensing is altered, establish a uniform color prior to continuing.
- 8) When using a manual dispensing gun, release pressure from gun by pressing thumb button at every pause in dispensing to prevent material from becoming off ratio in the static mixer, otherwise re-establish uniform color prior to continuing.
- 9) When using automatic proportioning bulk dispensing equipment, follow equipment manufacturers instructions. Ensure each component is individually premixed and preconditioned to normal use temperature. Ensure material is pumping 1:1 by volume and uniform color is achieved through static mixer prior to beginning.

BOLT INSTALLATION INSTRUCTIONS:

- 1) Drill hole in concrete to specified diameter and depth with a roto-hammer drill and carbide bit. For anchoring of bolts, dowels, etc., the embedment depth should be approximately 9-15 times the bolt diameter, or as specified.
- 2) Use appropriate size nylon brush to loosen debris from sides and bottom of hole.
- 3) Blow out hole with oil free compressed air.
- 4) Fill hole with epoxy from bottom. Insert static mixing nozzle to bottom of hole and slowly draw out to be sure approximately one half of hole is filled. **IMPORTANT!** - Before injecting material, dispense and discard material off to the side until a uniform color is achieved. If dispensing is interrupted, re-achieve uniform color prior to continuing.
- 5) Insert clean, rust free bolt, dowel, or rebar with slow turning motion until bolt reaches desired embedment depth.
- 6) Do not disturb bolt until cured.

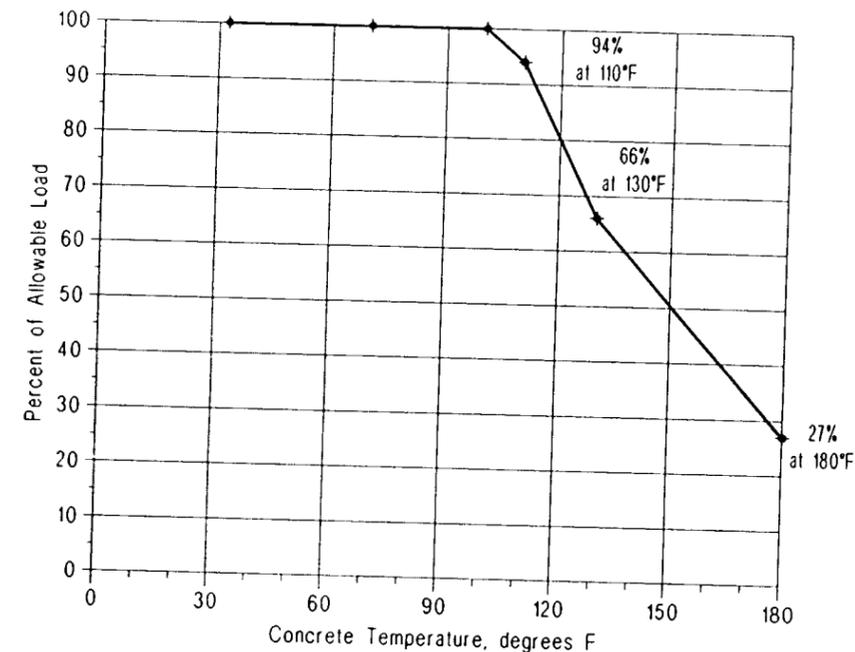


FIGURE 1 - ADHESIVE IN SERVICE TEMPERATURE SENSITIVITY GRAPH

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 62-0222.02
Expiration Date March 9, 2007
By: *[Signature]*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE MARCH 4 1999
BY: *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 98-0430-02

Metropolitan Dade County - Product Approval

TITLE: PRO-POXY 300 FAST ADHESIVE ANCHOR
MANUFACTURER: UNITEX, 3101 Gardner, Kansas City, MO 64120
DRAWING NUMBER: 1
SHEET NUMBER: 1
DATE OF ISSUE & REVISION: FEBRUARY 3, 1999
NAME, DISCIPLINE & REGISTRATION OF P.E.:
LEE W. MATTIS, CIVIL ENGINEER
REGISTRATION #47797

Lee W. Mattis
2/3/99