



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidadecounty.gov/economy

Wej-it Fastening Systems Div. of Mechanical Plastics Corp.
110 Richards Avenue
Norwalk, CT 06854

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: ANKR-TITE® Wedge Concrete Anchor

APPROVAL DOCUMENT: Drawing No. 1, titled "ANKR-TITE Concrete Anchor", Sheet 1 of 1, dated 06/18/2013, prepared by the manufacturer, signed and sealed by Tomas A. Kolden, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each box 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 and revises NOA # 08-0911.02 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



Carlos M. Utrera
09/06/2013

NOA No. 13-0701.05
Expiration Date: July 3, 2018
Approval Date: September 19, 2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 1, titled "ANKR-TITE Concrete Anchor", Sheet 1 of 1, dated 06/18/2013, prepared by the manufacturer, signed and sealed by Tomas A. Kolden, P.E.

B. TESTS *"Submitted under NOA # 08-0911.02"*

1. Test report on Tension and Shear Capacity Test per ASTM E 488, Corrosion Resistance Test per ASTM G 85, Annex 5 and TAS 114-95, App. E and Concrete Compressive Strength Test per ASTM C39 of ANKR TITE Wedge Anchors, prepared by Stork Twin City Testing Corporation, Test Report No. **3294288**, dated 07/07/2008, signed and sealed by Thomas A. Kolden, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

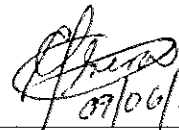
1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

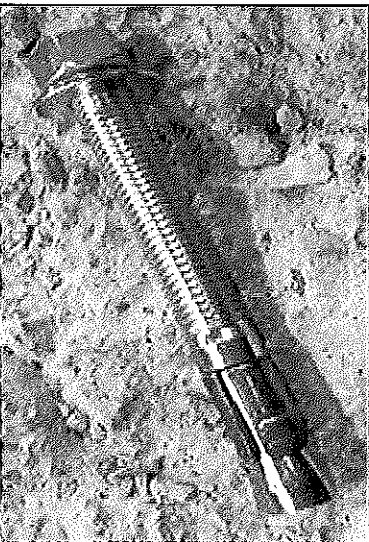
F. STATEMENTS

1. Statement letter of code conformance to 2010 FBC issued by Element Materials Technology, dated 06/18/2013, signed and sealed by Thomas A. Kolden, P.E.
2. Asset purchase agreement dated 06/15/2011.
3. Distributor agreement dated 06/13/2013.
- "Submitted under NOA # 08-0911.02"*
4. Statements of compliance and no financial interest issued by Stork Twin City Testing Corporation on Test Report No. **3294288**, dated 07/07/2008, signed and sealed by Thomas A. Kolden, P.E.



07/06/2013

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 13-0701.05
Expiration Date: July 3, 2018
Approval Date: September 19, 2013



Wej-it® ANKR-TITE® Wedge-bolt Concrete Anchor

DESCRIPTION: Wej-it ANKR-TITE concrete anchors, 3/8" through 3/4" diameter, are zinc-plated to ASTM B-633 Federal Specifications QQ-Z-325C, Type II, Class 3, with clear chromate added as the standard finish. The anchors are manufactured from 12L14, cold finished steel, and the expansion elements are manufactured from 1008 cold finished steel. They have passed the corrosion resistance requirements of TAS 114, Appendix E.

Anchor		Allowable Load (lbf)												
		For 2,000 psi Concrete						For 4,000 psi Concrete						
Dia. (in.)	Emb. (in.)	Inst. Torque (ft-lb)	Spacing: 5" o.c. Edge: 2-1/2" o.c.		Spacing: 10" o.c. Edge: 5" o.c.		Spacing: 12" o.c. Edge: 6" o.c.		Spacing: 5" o.c. Edge: 2-1/2" o.c.		Spacing: 10" o.c. Edge: 5" o.c.		Spacing: 12" o.c. Edge: 6" o.c.	
			Tension	Shear	Tension	Shear	Tension	Shear	Tension	Shear	Tension	Shear	Tension	Shear
3/8	1 3/4	20	420	389	636	841	-	-	1095	682	958	1126	-	-
1/2	2 1/2	50	466	498	669	1573	-	-	1433	733	2221	1855	-	-
5/8	3 1/4	90	752	534	2621	1724	-	-	1480	975	3095	3115	-	-
3/4	3 3/4	115	-	-	2235	2481	2862	3000	1811	903	3269	2608	3817	3764

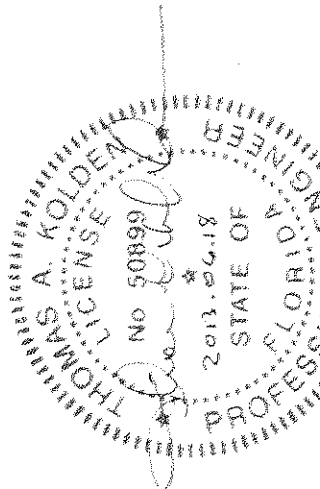
Allowable Loads based on average ultimate load divided by a factor of safety of 4.
Embedment is measured from the bottom of the anchor to concrete surface.

INSTALLATION INSTRUCTIONS:

1. Drill the hole perpendicular to the surface with solid carbide tipped bit that meets ANSI B212.5 specifications. The drill bit designation is the same as the anchor diameter that you are installing. To assure full holding power do not ream the hole or allow the bit to wobble.
2. Drill the hole deeper than the intended embedment but not closer than two diameters to the bottom (opposite) surface of the concrete.
3. Clean the hole using a nylon brush and dry oil free compressed air. A clean hole is necessary for proper performance of the anchor.
4. Assemble the nut and washer so the anchor extends above the nut slightly. Install the anchor through the material to be fastened.
5. Installing the ANKR-TITE Series of anchors with a torque wrench is recommended for optimum performance. Refer to the chart above.
 - Use solid, carbide-tipped drill bits manufactured to ANSI B 212.15
 - Follow drill manufacturers instructions.

NOTE: These anchors cannot be installed in "cracked concrete" as defined in ACI355.2 or ACI318.

Model Number	Size (inches)	Drill Hole	Max. Thickness Fastened Mat'l
AT3821	3/8 x 2 1/4	3/8	1/8
AT3823	3/8 x 2 3/4	3/8	5/8
AT3830	3/8 x 3	3/8	7/8
AT3833	3/8 x 3 3/4	3/8	1 5/8
AT3850	3/8 x 5	3/8	2 7/8
AT1233	1/2 x 3 3/4	1/2	3/4
AT1241	1/2 x 4 1/4	1/2	1 1/4
AT1252	1/2 x 5 1/2	1/2	2 1/2
AT1270	1/2 x 7	1/2	4
AT5841	5/8 x 4 1/4	5/8	3/8
AT5850	5/8 x 5	5/8	1 1/8
AT5860	5/8 x 6	5/8	2 1/8
AT5870	5/8 x 7	5/8	3 1/8
AT5882	5/8 x 8 1/2	5/8	4 5/8
AT3443	3/4 x 4 3/4	3/4	1/4
AT3452	3/4 x 5 1/2	3/4	1
AT3470	3/4 x 7	3/4	2 1/2
AT3482	3/4 x 8 1/2	3/4	4
AT3410	3/4 x 10	3/4	5 1/2



Thomas A. Kolden, P.E.
Florida License 50899

Wej-it®	Weight Fastening Systems
	110 Richards Avenue Norwalk, CT 06854
Title: ANKR-TITE Concrete Anchor	
Drawing No: 1	
By: TAK	
Sheet: 1 of 1	
Date: 06/18/2013	