



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

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT DIVISION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Wej-It Fastening System**  
**2415 E. 13th Place**  
**Tulsa ,OK 74104-4499**

Your application for Notice of Acceptance (NOA) of:

**Ankr-Tite Sleeve Anchor.**

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**ACCEPTANCE NO.: 00-0328.01**  
**EXPIRES: 07/03/2003**

Raul Rodriguez  
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL**  
**CONDITIONS**  
**BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED: 08/17/2000**

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

**1. SCOPE**

- 1.1 This renews the Notice of Acceptance No. 97-0421.04, which was issued on 07/03/97. It approves concrete sleeve anchors as described in Section 2 of this Notice of Acceptance. They are designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County for the locations where the actual loads as determined by SFBC Chapter 23, do not exceed the allowable load indicated in the approved drawings.

**2. PRODUCT DESCRIPTION**

- 2.1 The concrete **Wej-It Sleeve Anchors** shall be fabricated and used in strict compliance with the following documents: Drawing No. One, titled "Wej-It Sleeve Anchors", prepared by Wej-It Fastening Systems, dated 07/14/00 with no revisions, sheet 1 of 1. It bears the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

- 3.1 Allowable loads are for 4000 psi Compressive Strength Concrete, grouted and non-grouted masonry blocks.

**4. INSTALLATION**

- 4.1 The Concrete Anchors shall be installed in strict compliance with the installation instructions published in the Wej-It Spec Data.

**5. LABELING**

- 5.1 Each concrete anchor shall have a mark in the head identifying the manufacturer and each box of anchor shall have a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved".

**6. BUILDING PERMIT**

- 6.1 Application for Building Permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance
  - 6.1.2 Duplicate copies of the approved drawings as identified in Section 2 of this Notice of Acceptance, clearly marked to show the hangers and angles selected for the proposed installation.
  - 6.1.3 Any other document required by the Building Official or the SFBC in order to properly evaluate the installation of these products.



Candido Font, PE, Sr. Product Control Examiner  
Product Control Division

Wej-It Fastening Systems.

ACCEPTANCE NO.: 00-0328.01

APPROVED : AUG 17 2000

EXPIRES : 07/03/2003

**NOTICE OF ACCEPTANCE STANDARD CONDITIONS**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
  - b) The product is no longer the same product (identical) as the one originally approved;
  - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
  - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a) Unsatisfactory performance of this product or process.
  - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.



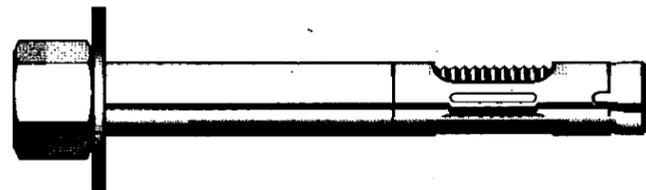
Candido Font, PE, Sr. Product Control Examiner  
Product Control Division

**END OF THIS ACCEPTANCE**

**DESCRIPTION:**

Wej-it sleeve anchors are zinc plated to ASTM B-633 Federal Specifications QQZ-325C, Type II, Class 3 with clear chromate added, as the standard finish. The studs are manufactured from 1020 cold finished steel, the expansion sleeves are manufactured from 1008 cold finished steel and the spacer sleeves are manufactured from 1010 cold finished steel. They have passed the corrosion resistant requirement of PA114 appendix E.

Anchor Specification. Approved bolt heads are: acorn nut, hex nut, rod coupling, flat head slotted, threshold flat head slotted and round head slotted.



Model	Anchor Size Inches	Drill Bit Diameter	Max. Thickness Fastened Material
HSA 5612	5/16 X 1-1/2	5/16"	5/16"
HSA 5622	5/16 X 2/12	5/16"	1-5/16"
HSA 3813	3/8 X 1-7/8	3/8"	3/8"
HSA 3830	3/8 X 3	3/8"	1-1/2"
HSA 1221	1/2 X 2-1/4	1/2"	7/16"
HSA 1230	1/2 X 3	1/2"	1-3/16"
HSA 1240	1/2 X 4	1/2"	2-3/16"
HSA 5821	5/8 X 2-1/4	5/8"	1/2"
HSA 5830	5/8 X 3	5/8"	1-1/4"
HSA 5841	5/8 X 4-1/4	5/8"	2-1/2"
HSA 5860	5/8 X 6	5/8"	3-3/4"
HSA 3422	3/4 X 2-1/2	3/4"	1/4"
HSA 3440	3/4 X 4	3/4"	1-3/4"
HSA 3461	3/4 X 6-1/4	3/4"	4"

Design Values with 4000 psi concrete

Diameter Inches	Embedment Inches	Allowable Tension	Allowable Shear
1/4	1-5/8	350	330
	2-5/8	380	355
3/8	3-5/8	585	490
	4-5/8	640	515
	5-5/8	660	560
5/16	1-1/4	410	555
	2-1/8	545	630
1/2	1-1/2	665	---
	2-3/8	1155	780
	3-3/8	1280	1180
5/8	1-5/8	675	1065
	2-1/4	990	1455
	4	1820	1685
	5-1/2	1840	1920
3/4	1-7/8	1345	1965
	3-5/8	1555	2445
	5-1/2	1615	2520

Design values with grouted masonry block (grout 2000psi)

Diameter Inches	Embedment Inches	Allowable Tension	Allowable Shear
1/4	1-5/8	335	380
5/16	2-1/8	370	590
3/8	2-1/2	555	750
	1-1/2	525	950
1/2	2-3/8	670	1015
	3-3/8	705	1300
	4	1025	1645
5/8	5-1/2	1110	1655
	3-1/2	680	2480

Design values with ungrouted concrete blocks

Diameter Inches	Embedment Inches	Allowable Tension	Allowable Shear
1/4	1-1/8	235	305
5/16	2-1/8	290	---
3/8	1-1/2	---	375
1/2	1-1/2	---	655

**CONDITIONS OF USE:**

- 1 Allowable loads are indicated in pounds.
- 2 Design loads are based on ultimate load divided by 4.
- 3 Minimum edge distance 5" for 100% efficiency and 2-1/2" for 50% efficiency.
- 4 Center to center distance 10" for 100% efficiency and 5" for 50% efficiency.
- 5 Concrete blocks are per ASTM C-39 and grout strength psi at 28 days.

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE August 17, 2000  
 BY [Signature]  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 00-0328.01

IDENTICAL TO ANCHORS  
 CORROSION TESTED BY  
 ARL UNDER LAB  
 NUMBER 29588

*Chris A. Hamon 7/14/00*

<i>wej-it</i>		2415 East 13th Place P.O. Box 521120 Tulsa, OK 74104 Tulsa, OK 74152	
Title: WEJ-IT SLEEVE ANCHOR			
Drawing No.:	Sheet No.:	Date Drawn:	Revision Date:
ONE	1 OF 1	07/14/00	---
Name: Christopher A. Hamon		Discipline: Mechanical	No.: 43971