



**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)

**Elco Textron, Inc.
5110 Falcon Road.
Rockford, IL 61125**

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: Concrete-Flex SS4 Concrete & Masonry Screw

APPROVAL DOCUMENT: Drawing No.00-094, Sheets 1 of 1, titled "Crete-Flex SS4 Masonry Screw" dated 03/10/00with last revision on 02/18/03, prepared by Knezevich & Associates, Inc., signed and sealed by V. J. Knezevich, PE, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance (NOA) 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.

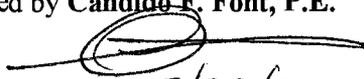
RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

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 # 99-1227.13 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Candido F. Font, P.E.**


5/22/3



**NOA No 03-0225.05
Expiration Date: April 14, 2008
Approval Date: May 22, 2003
Page 1**

Elco Textron, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A DRAWINGS:

1. Drawings prepared by Knezevich & Associates, titled "Crete-Flex SS4 Masonry Screw"; Drawing No. 00-094, dated 03/10/00, sheet 1 of 1, with last revision on 02/18/03, signed and sealed by V. J. Knezevich, PE.

B TEST:

	Laboratory No.	Test Report.	Date.	Signature
1.	CTC 99-008	ASTM E488	02/14/98	G. Dotzler, PE
2.	CTC 98-039	ASTM E488	09/12/98	G. Dotzler, PE
3.	HETI 98-3023	ASTM E488	06/18/98	H.M. Medina. PE

C CALCULATIONS:

N/A

D MATERIAL CERTIFICATIONS:

	Laboratory No.	Test Report.	Date.	Signature.
1.	HETI 98-C100	ASTM C39	07/31/98	H.M. Medina, PE
2.	MTS 258122-PS	PA 114 APX E	05/07/97	J.M Bridenstine PE
3.	HETI 98-T97/99	N/A	07/22/98	H. M. Medina, PE.
4.	MTS 520515-PS	PA 114 APX E	01/25/00	R. G. Miller, PE.

E STATEMENTS:

1. Code compliance letter issued by Knezevich & Associates, Inc. on 03/13/00, signed and sealed by V. J. Knezevich, PE.
2. No financial interest letter issued by Knezevich & Associates, Inc. on 03/14/00, signed & sealed by V. J. Knezevich, PE, and notarized by M. Collister.
3. No financial interest letter issued by Knezevich & Associates, Inc. on 01/01/00, signed & sealed by V. J. Knezevich, PE. and notarized by M. Collister.
4. No change letter issued by Textron Fastening Systems on 02/14/03 and signed by M. Janusz.


Candido F. Font, P.E.
Senior Product Control Examiner
NOA No 03-0225.05
Expiration Date: April 14, 2008
Approval Date: May 22, 2003



KNEZEVICH & ASSOCIATES, INC.
 CONSULTING ENGINEERS • PRODUCT TESTING
 1260 N. UNIVERSITY DRIVE, SUITE 180 • FORT LAUDERDALE, FL 33322
 TEL: (954) 382-2800 • FAX: (954) 382-2989 • FLORIDA COA #3205
 WEBSITE: WWW.KNEZEVICH.COM • E-MAIL: KA@KNEZEVICH.COM
 COPYRIGHT © 2003 KNEZEVICH & ASSOCIATES, INC.

CRETE-FLEX® SS4
 MASONRY SCREW
 ELCO® TEXTRON
 CONSTRUCTION PRODUCTS DIVISION
 5100 FALCON ROAD
 ROCKFORD, ILLINOIS 61125-7009
 (800) 435-7213

V.J. KNEZEVICH
 PROFESSIONAL ENGINEER
 FL License No. PE 8010983

FEB 18 2003

no.	date	description
1	02/18/03	TF GENERAL NOTES

date	03/10/00
scale	AS NOTED
AS NOTED	drawn by AV
design by MD	checked by VJK
drawing no.	00-094
sheet	1 of 1

SCREW NOMINAL DIAMETER = 1/4"

FOR HFH, PFH & HWH						
ALLOWABLE LOADS (lbs.)						
MIN. 3350 P.S.I. CONCRETE						
EMBEDMENT	EDGE DISTANCE					
	1"		1-3/4"		2-1/2"	
	TENSION	SHEAR	TENSION	SHEAR	TENSION	SHEAR
1"	150	125	165	215	190	265
1-3/4"	390	310	525	450	625	645
2"	-	-	-	-	680	645

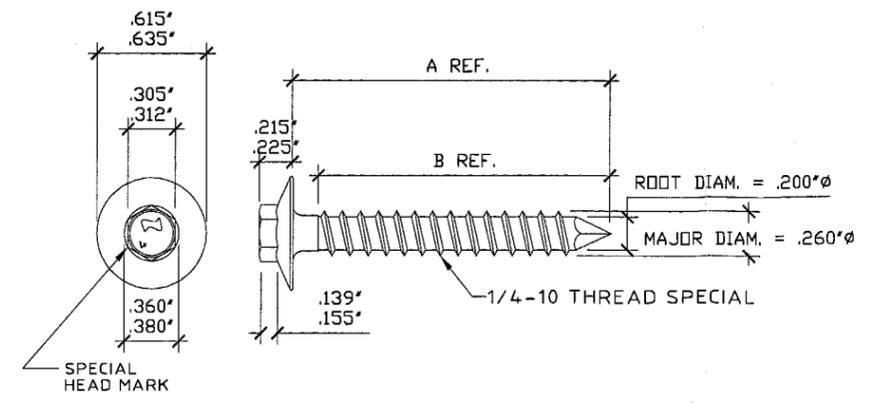
FOR HFH, PFH & HWH						
ALLOWABLE LOADS (lbs.)						
C90 CONCRETE BLOCK						
EMBEDMENT	EDGE DISTANCE					
	1"		1-3/4"		2-1/2"	
	TENSION	SHEAR	TENSION	SHEAR	TENSION	SHEAR
1-1/4"	195	105	290	330	305	330
1-5/8"	310	135	-	-	-	-

NOTES

1. THESE APPROVAL DOCUMENTS REPRESENT A CONCRETE/ MASONRY ANCHOR ANALYZED WITH THE PROVISION SET FOR THE ISSUANCE OF A NOTICE OF ACCEPTANCE (NOA) BY MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION FOR THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE FLORIDA BUILDING CODE.
2. CRETE FLEX SS4 IS A 410 STAINLESS STEEL MASONRY FASTENER W/ A SILVER COLORED STALGARD COATING PROCESS TESTED FOR CORROSION RESISTANCE TO PA119.
3. ALLOWABLE LOADS ARE BASED ON THE ULTIMATE LOAD DIVIDE BY 4.
4. PILOT HOLE DIAMETER IS TO BE 0.234"Ø AND 1/4" LONGER THAN THE REQUIRED EMBEDMENT.
5. CONCRETE SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE MANUAL OF CONCRETE PRACTICE, ACI 301 AND CONCRETE BLOCKS SHALL CONFORM TO ASTM C-90.
6. ANCHOR INSTALLATION SHALL BE MADE IN ACCORDANCE WITH ELCO TEXTRON PRODUCT SELECTION & INSTALLATION INSTRUCTION, PERFORMANCE & TECHNICAL DATA, AND THE MIAMI-DADE COUNTY, FL NOTICE OF ACCEPTANCE.
7. THESE APPROVAL DOCUMENTS ARE GENERIC AND DO NOT INCLUDE INFORMATION FOR A SITE-SPECIFIC APPLICATION.
8. THESE APPROVAL DOCUMENTS COMPLY WITH CHAPTER 61G15-23 OF THE FLORIDA ADMINISTRATIVE CODE.
9. ANY MODIFICATIONS OR ADDITIONS TO THESE APPROVAL DOCUMENTS WILL VOID THE APPROVAL DOCUMENTS.

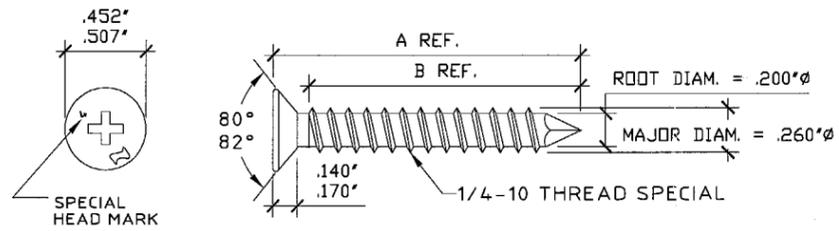
PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 03-0225.05
 Expiration Date 4/4/08
 By [Signature]
 Miami Dade Product Control
 Division

CAT. #	A (IN.)	B (IN.)	PART #
MF340	1.750	1.660	274-163-014569
MF360	2.250	1.750	274-163-014689



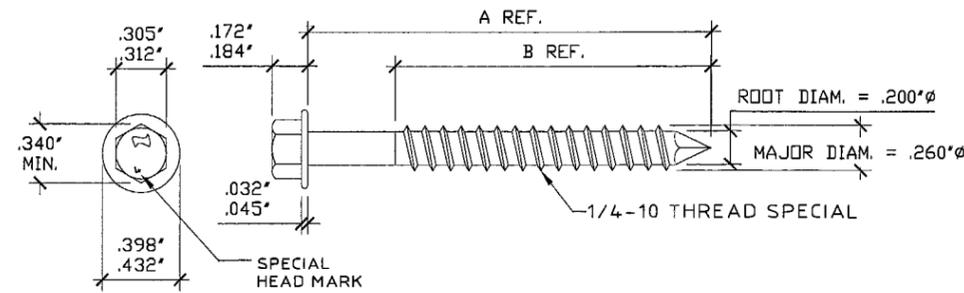
CRETE-FLEX - HFH

CAT. #	A (IN.)	B (IN.)	PART #
MF690	1.250	1.000	274-100-014399
MF710	1.750	1.500	274-100-014559
MF730	2.250	1.750	274-100-014679
MF750	2.750	1.750	274-100-014759
MF770	3.250	1.750	274-100-014819
MF780	3.750	1.750	274-100-014859
MF810	4.000	1.750	274-100-014879



CRETE-FLEX - PFH

CAT. #	A (IN.)	B (IN.)	PART #
MF310	1.250	1.160	274-163-014399
MF330	1.750	1.660	274-163-014559
MF350	2.250	1.750	274-163-014679
MF370	2.750	1.750	274-163-014759
MF390	3.250	1.750	274-163-014819
MF410	3.750	1.750	274-163-014859
MF430	4.000	1.750	274-163-014879



CRETE-FLEX - HWH

Print Information: J:\CADD\Cadd00\Elco\00-094\R1-prg\00-094.dwg AVazquez 02/18/2003 04:44:18pm