



**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)

**Hilti, Inc.
5400 S. 122 E. Avenue.
Tulsa, OK 74146**

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: Power Driven Fastener

APPROVAL DOCUMENT: Drawing No.003-001-A, Sheets 1 of 1, titled "Hilti X-ZF 72 P8S36 Power Actuated Fastener" dated 02/12/99 with no revisions, prepared by Hilti, Inc., signed and sealed by T.E. Lunn, 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 # 00-0411.06 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Candido E. Font, P.E.**

(Signature)
09/18/03



**NOA No 03-0709.01
Expiration Date: June 08, 2008
Approval Date: September 18, 2003
Page 1**

Hilti, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A DRAWINGS:

1. Drawings prepared by Hilti, Inc., titled "Hilti X-ZF P8S36 Power Actuated Fastener", Drawing No: 003-001-A, dated 02/12/99, sheet 1 of 1, signed and sealed by T. E. Lunn PE.

B TEST:

1. Test report on Corrosion Testing of Fasteners prepared by Center for Applied Engineering, Inc., Job Number 257322-PS, dated 06/27/95 & 07/10/95 and signed by R. G. Miller PE.
2. Report of Test Results for Hilti X-ZF 72P8S36 Sill Plate Pins in 3000 psi Normal Weight Concrete prepared by Southwest Inspection & Testing, Test Report No. QA7034, dated June 1997, signed & sealed by R. L. Hess PE.

C CALCULATIONS:

N/A

D MATERIAL CERTIFICATIONS:

N/A

E STATEMENTS:

1. Letter of No Financial Interest, prepared by Hilti, Inc., issued on 08/13/97, signed by T. Lippert and notarized by N. J. Gamble.
2. No Change letter issued by Hilti, Inc on 07/07/03 and signed by T. G. Prag EI



09/18/03

Candido F. Font, P.E.

Senior Product Control Examiner

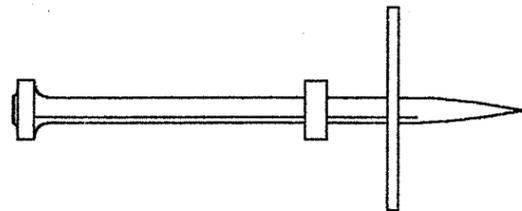
NOA No 03-0709.01

Expiration Date: June 08, 2008

Approval Date: September 18, 2003

DESCRIPTION:

THE HILTI X-ZF 72 P8S36 FASTENER IS A 0.145" DIAMETER BY 2-7/8" LONG PIN THAT IS ASSEMBLED WITH A PRE-MOUNTED 0.059" THICK X 0.780 " SQUARE STEEL WASHER WITH TRUNCATED CORNERS. AN 8-MM PLASTIC WASHER IS MOUNTED ON THE PIN TO PROVIDE ALIGNMENT AND GUIDANCE IN THE POWDER ACTUATED TOOL.



(ACTUAL SIZE)

MATERIAL CHARACTERISTICS:

THE X-ZF PIN IS MANUFACTURED FROM AUSTEMPERED STEEL CONFORMING TO AISI 1060. THE S36 WASHER IS MANUFACTURED FROM STEEL CONFORMING TO AISI 1008. ALL STEEL PARTS ARE ZINC PLATED TO A THICKNESS 5- μ m IN ACCORDANCE WITH ASTM B633, SC 1, TYPE III.

DESIGN VALUES:

DIAMETER (inch)	MIN. EMBEDMENT (inch)	MIN. EDGE DISTANCE (inch)	3000 PSI CONCRETE	
			TENSION (lb.)	SHEAR (lb.)
0.145	1-4/16	1-3/4	138	146

GENERAL NOTES:

- DESIGN VALUES ARE EQUAL TO THE ULTIMATE LOAD DIVIDED BY 8.
- PIN INSTALLATION SHALL BE MADE IN ACCORDANCE WITH HILTI'S PUBLISHED INSTRUCTIONS IN THEIR PRODUCT TECHNICAL GUIDE.

ENGINEERING
 T.E. LUNN, P.E.
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 760 US HIGHWAY 1, SUITE 501
 NORTH PALM BEACH, FL 33408
 OFC: (561) 825-8455
 FAX: (561) 825-4853
 EMAIL: telunn@gte.net
 FLORIDA REG.# 26119

T. E. Lunn
 2-17-99

HILTI, INC.
 PO BOX 21148
 TULSA, OK 74121

HILTI X-ZF
 72 P8S36
 POWDER
 ACTUATED
 FASTENER

REVISION DATE:
 DATE: 02-12-99
 DRAWING 003-001-A
 SCALE: 1" = 1"
 SHEET NO. 1 OF 1

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 03-0709.01
 Expiration Date 06/08/03
 By *[Signature]*
 Miami Dade Product Control
 Division

PRODUCT RENEWED
 ACCEPTANCE No. 00-0411.06
 EXPIRATION DATE June 08, 2003
 By *[Signature]*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

FOR OFFICE USE
 APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE March 25 1999
 BY *[Signature]*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 96-1206.06