



**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 Florida Building Code including the High Velocity Hurricane Zone.

DESCRIPTION: Hilti Kwik-Con II Concrete Screw Anchor

APPROVAL DOCUMENT: Drawing No.543-001-C, Sheets 1 of 1, titled "Hilti Kwik Con II Screws" dated 10/06/99 with no revisions, prepared by T.E. Lunn, PE Engineering 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 Box shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved or MDCPCA", 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 01-0727.01 and consists of this page, evidence page as well as approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font, P.E.**



**NOA No 06-0512.03
Expiration Date: August 3, 2007
Approval Date: September 7, 2006
Page 1**

HILTI INC.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A DRAWINGS:

1. Drawings prepared by Hilti, Inc. titled "Hilti Kwik Con II Screws"; Drawing No. 543-001-C, dated 10/06/99, sheet 1 of 1 signed and sealed by T. E. Lunn, PE.

B TEST:

1. Test report on Strength of Anchors in Concrete and Masonry Elements prepared by Atech Associates, Inc. project Number 70-0295-00065, dated 04/27/95, signed and sealed by P. G. Read, PE.
2. Test report on Corrosion Resistance of Fasteners prepared by Material Testing Services, Job No. 257322-PS, dated June 27 – July 10, 1995, signed by D. M. Moyer.

C CALCULATIONS:

N/A

D. QUALITY ASSURANCE:

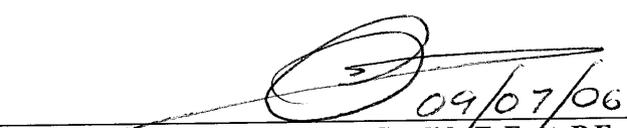
1. Building Code Compliance Office.

E MATERIAL CERTIFICATIONS:

1. Camcar Textron drawings No XCT-92500 through XCT-92515 of Camcrete Special Torx, dated 09/22/92, drawn by Dave B.

F STATEMENTS:

1. No change letter issued by Hilti, Inc. on 07/23/2001, signed by A. T. Liechti.
2. Letter accepting the One Year Approval with no extension whatsoever, signed by C.F. Font and accepted by M. W. Goodin.


Candido F. Font, P.E.
Senior Product Control Examiner
NOA No 06-0512.03
Expiration Date: August 3, 2007
Approval Date: September 7, 2006

HILTI Kwik Con II

DESIGN LOADS :

Carbon Steel Screws

Anchor Size	Embedment Depth	Concrete 2250 psi		C90 Concrete Block	
		Shear	Tension	Shear	Tension
3/16"	1"	256#	114#	212#	140#
3/16"	1-1/4"	---	---	301#	---
3/16"	1-3/4"	254#	246#	---	---
1/4"	1"	359#	149#	279#	143#
1/4"	1-1/4"	---	---	430#	---
1/4"	1-3/4"	493#	392#	---	---

All Specimens were torx hex washer head.

Stainless Steel Screws

Anchor Size	Embedment Depth	Concrete 2250 psi		C90 Concrete Block	
		Shear	Tension	Shear	Tension
3/16"	1"	* 253#	* 112#	* 302	* 156
3/16"	1-1/4"	---	---	* 334#	* 162#
3/16"	1-3/4"	* 281#	* 243#	---	---
1/4"	1"	358#	156#	329#	134#
1/4"	1-3/4"	477#	382#	---	---

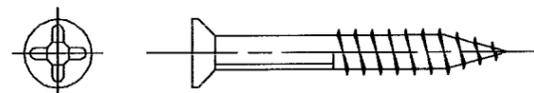
* All 3/16" specimens are phillips flat head.
All 1/4" specimens are torx hex washer head.

GENERAL NOTES :

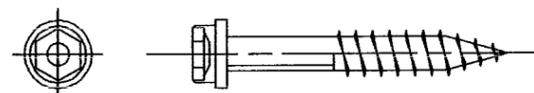
- 1) Design loads are based on ultimate loads divided by 4.
- 2) In order to achieve the design load, a minimum edge distance of 1-1/2" for 3/16" ϕ screw, and 2-1/2" for 1/4" ϕ screw shall be observed.
- 3) Spacing of anchor shall be 2" in concrete and 3" in concrete blocks in order to achieve the design loads.
- 4) Anchor installation shall be made in accordance with Hilti's published installation instructions in the Product Technical Guide.

DESCRIPTION :

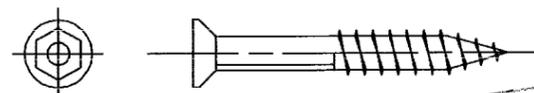
HILTI Kwik Con II screws are made of plain carbon steel galvanized to 8 um (min.) or stainless steel as shown below, for use with the listed design values :



Kwik Con II - Phillips Flat Head



Kwik Con II - Torx Hex Washer Head



Kwik Con II - Torx Flat Head

PRODUCT REVIEWED
 Approved with the Florida
 Building Code
 06-0512.03
 03/03/07
 Michael Hilti Product Control
 Division

ACCEPTANCE NO. 01-0727.01
 EXPIRATION DATE 08/03/2006
 By [Signature]

ENGINEERING
 T.E. LUNN, PE
 P.O. Box 13121
 NORTH PALM BEACH,
 FL 33408-7121
 OFC: (561) 625-6455
 FAX: (561) 625-4683
 EMAIL: telunn@gte.net
 FLORIDA REG.# 26119

[Signature]
 10.6.99

HILTI, INC.
 PO BOX 21148
 TULSA, OK 74121

HILTI
 KWIK CON II
 SCREWS

REVISION DATE:
 DATE: 10-06-99
 DRAWING 543-001-C
 SCALE: 1" = 1"
 SHEET NO. 1 OF 1

FOR OFFICE USE

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE March 10, 2000
 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-1028.09