



**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
www.buildingcodeonline.com**

NOTICE OF ACCEPTANCE (NOA)

**Hilti, Inc.
5400 S. 122nd East 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 Series HIT HY 150 injection adhesive anchor.

APPROVAL DOCUMENT: Drawing No **543-002-B**, titled "Hilti Hit HY 150 Injection Adhesive Anchor", prepared by Hilti, Inc., dated 11/12/98 sheet 1 of 1, 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

Limitation: Allowable loads are for of 3000 psi compressive strength concrete and grouted concrete masonry units per ASTM C-90.

LABELING: Each unit or box shall bear a permanent label with the manufacturer's name or logo, city, state and 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 # **01-1119.03** consist of this page 1, evidence page as well as approval document

**NOA No 06-1127.06
Expiration Date: January 07, 2008
Approval Date: February 21, 2007
Page 1**



1/30/07

Hilti, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWINGS (transferred from file #01-1119.03)

1. Drawing No **543-002-B**, titled "Hilti Hit HY 150 Injection Adhesive Anchor", prepared by Hilti, Inc., dated 11/12/98 sheet 1 of 1, prepared by T. E. Lunn PE Engineering, signed and sealed by T. E. Lunn P. E.

B. TESTS (transferred from file #01-1119.03)

	Laboratory No.	Test Report.	Date.	Signature
1.	CEL 51792C	ASTM E488	05/22/06	L.W. Mattis PE.
2.	STTS 99-0513.01	ASTM G85 Annex 5	08/25/05	M. Mosbat PE.

C. CALCULATIONS

1. N/A

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

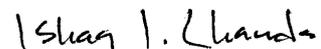
1. None

F. STATEMENTS (transferred from file # 01-1119.03)

1. Statement letter of conformance and no financial interest, issued by T.E. Lunn Engineering on 07/20/06, signed and sealed by T.E. Lunn, PE,
2. Statement letter of Lab Compliance, part of above referenced test reports.
3. Statement letter dated January 08, 2007, issued by Stork Twin City Testing Corporation for "Test contract" for HIT HY 150 Max Hilti anchors.

G. OTHER

1. This **renews** NOA # **01-1119.03** expired on January 07, 2007.
2. One Year conditional approval, subjected to submittal of re-verification test.
3. Previous associated files to this approval is NOA(s) # 98-0731.02.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 06-1127.06
Expiration Date: January 07, 2008
Approval Date: February 21, 2007

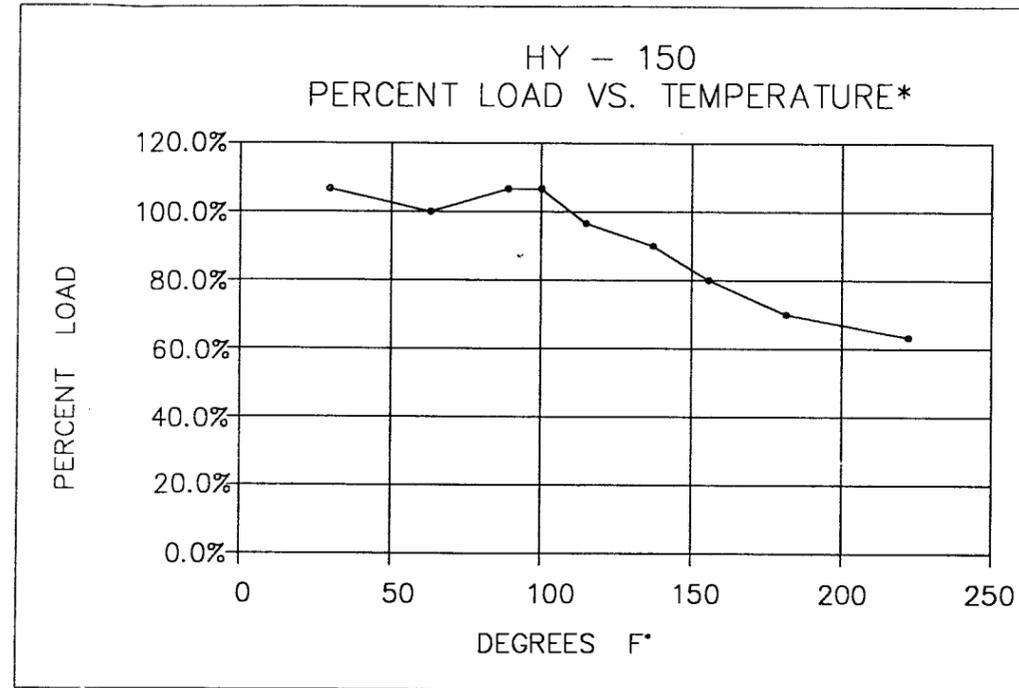
HILTI HIT HY 150 Injection Adhesive Anchor

Description: It is a chemical anchor system consisting of a hybrid adhesive and a threaded rod. The adhesive is identified as HIT HY 150, injection dispensed from a compressible side by side refill pack through a static-mixing nozzle. The threaded anchor rod used in this approval are HILTI Super conforming with ASTM A193, Grade B7.

ALLOWABLE LOAD

ANCHOR SIZE	EMBEDMENT DEPTH	3000 PSI CONCRETE SHEAR	CONCRETE TENSION	GROUTED SHEAR	CMU TENSION
3/8"	3-1/2"	1778	1481	1764	1392
1/2"	4-1/4"	2924	2669	2780	2642
5/8"	5"	5029	4675	2422	3793
3/4"	6-5/8"	7397	6491	--	--
1"	8-1/4"	8390	10168	--	--

- 1) In order to achieve the allowable load, a minimum edge distance of 1.5 E and a minimum spacing of 1.0 E shall be observed. "E" equal to embedment.
- 2) Allowable loads are equal to ultimate load divided by 4.
- 3) Concrete block grout shall have a compressive strength of 2000 psi.
- 4) Anchors used are threaded rods complying with ASTM A193 Grade B7.



* The percent load is based upon load at the control temperature of 70° F.

- 1) Anchor installation shall be made in accordance with Hilti's published installation instructions in the Product Technical Guide.
- 2) Adhesive performance is affected by the temperature of the environment. See curve in order to adjust allowable loads.

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 06-1127.06
 Expiration Date JAN 07, 2008
 By Ismag I. Lhanda
 Product Control Division

PRODUCT RENEWED
 ACCEPTANCE No 01/1119.03
 EXPIRATION DATE 01/07/2007
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

T.E. LUNN, PE
 ENGINEERING
 P.O. Box 13121
 780 US HIGHWAY 1, SUITE 301
 NORTH PALM BEACH, FL 33408
 OFC: (561) 825-8455
 FAX: (561) 825-4883
 EMAIL: telunn@gte.net
 FLORIDA REG.# 26119

[Handwritten Signature]
 11-19-98

HILTI, INC.
 PO BOX 21148
 TULSA, OK 74121

HILTI HIT HY 150
 INJECTION
 ADHESIVE ANCHOR

REVISION DATE:
 DATE: 11-12-98
 DRAWING 543-002-B
 SCALE: 1" = 1"
 SHEET NO. 1 OF 1

FOR OFFICE USE
 APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE JAN 07 1999
 BY *[Signature]*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 98-0731.02