



**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)

**S & S Construction Products, LLC.
2025 NW 15th Ave. Suite B.
Pompano Beach, FL 33069**

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: Conscrew Concrete Screw

APPROVAL DOCUMENT: Drawing No. **MDC-02**, Sheets 1 of 1, titled "Conscrew" dated 10/12/06 with no revisions, prepared by S & S Construction Products, LLC., signed and sealed by L. W. Mattis PE, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance (NOA) number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

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 is a Private Labeler of NOA # 03-0303.14, consisting of this page 1, evidence page as well as approval document mentioned above.

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



[Signature]
11/23/06

**NOA No 06-0717.06
Expiration Date: November 13, 2008
Approval Date: November 23, 2006**

S & S Construction Products, LLC.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A DRAWINGS:

1. Drawings prepared by S & S Construction Products LLC, titled "Conscrew"; Drawing No. MDC-02, dated 10/12/06 with no revisions, sheet 1 of 1, signed and sealed by L. W. Mattis PE.

B TEST:

	Laboratory No.	Test Report.	Date.	Signature
1.	CTI (Calk-In)	ASTM E488	10/13 & 26/93	L.W. Mattis PE.
2.	CEL 9R63	ASTM E488	09/16/99	L.W. Mattis PE.
3.	CTI 5R07B	ASTM E488	06/28/95	L.W. Mattis PE.
4.	CEL 9R62	ASTM E488	09/09/99	L.W. Mattis PE.
5.	CTI 7R44	ASTM E488	11/07/97	L.W. Mattis PE.
6.	ARL 30388	PA 114 App E.	10/10/02	C.A. Hamon PE.

C CALCULATIONS:

N/A

D QUALITY ASSURANCE.

1. Miami-Dade Quality Control Division.

E MATERIAL CERTIFICATIONS:

N/A

F STATEMENTS:

1. No change letter issued by Power Fasteners Inc on 07/20/03, signed by M. Gaffigan and notarized by L. Bailey.
2. No interest letter issued by Powers Fasteners on 07/20/03, signed by M. Gaffican and notarized by L. Bailey.
4. Code compliance letter issued by CEL Consulting on 07/14/03 and signed by L. Mattis PE.
5. Private Labeling Agreement between Power Fasteners Inc, represented by L. Colasuonno and S & S Construction Products LLC, represented by Tony Sardinia and notarized K. L. Fleming on 04/14/07.


11/23/06
Candido F. Font, P.E.
Senior Product Control Examiner
NOA No 06-0717.06
Expiration Date: November 13, 2008
Approval Date: November 23, 2006

DESCRIPTION AND MATERIAL:

The 3/16 inch and 1/4 inch Conscrew concrete screw anchors are made of a heat treated carbon steel with a flouropolymer coating. The 3/8 inch Conscrew concrete screw anchors are made of a heat treated carbon steel, zinc plated in accordance with ASTM B 633. A 1/4 inch stainless steel and zinc plated version is also available. The Conscrew anchors are self-tapping screw type anchors designed to be installed in a hole predrilled with a special bit matched to the diameter of the anchor. A hex nut or Phillips type driver adapter is installed in a standard drill. The anchors are installed by turning with the drill and adapter, which causes the anchor threads to cut mating threads in the concrete. Anchor body is made of AISI 1022 steel, zinc plated per ASTM B633 SCI Type III or Perma-Seal flouropolymer. Type 304 & 410 Stainless Steel Conscrews are available.

CONSCREW

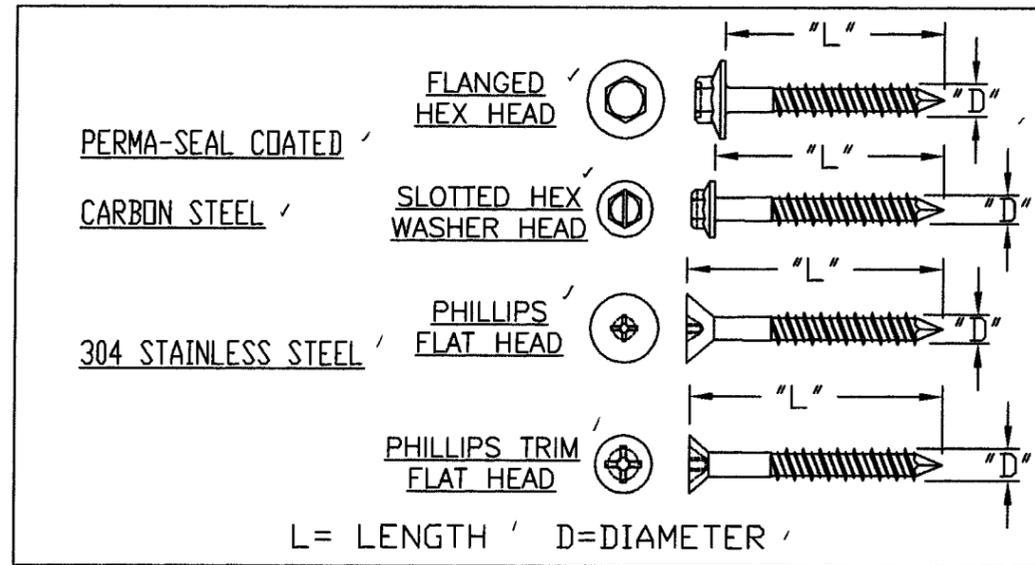


TABLE No. 1

CONSCREW – Allowable Design Loads for Carbon Steel Anchors.

Anchor Dia. (inches)	Embedment Depth (inches)	ASTM C-90 Masonry Block		2000 psi Concrete		4000 psi Concrete	
		Tension (pounds)	Shear (pounds)	Tension (pounds)	Shear (pounds)	Tension (pounds)	Shear (pounds)
3/16	1	-	-	40	175	90	175
	1-3/8	150	305	-	-	-	-
	1-1/2	-	-	220	235	255	235
	1-3/4	-	-	295	235	375	235
1/4	1	-	-	155	210	265	210
	1-3/8	300	455	-	-	-	-
	1-1/2	-	-	250	360	410	360
	1-3/4	-	-	410	370	440	370
3/8	1	-	-	175	240	190	240
	1-1/2	-	-	280	500	385	500
	1-3/4	-	-	380	585	540	585

1. Allowable loads are based on ultimate load with a 4:1 safety factor.
2. Masonry tests performed in ASTM C 90 medium weight units; edge and end distances 3-3/4" minimum.
3. Concrete spacing and edge distances shall be in accordance with Table No. 2.

TABLE No. 2

CONSCREW – Allowable Spacing and Edge Distance.

	DISTANCE FOR FULL ANCHOR CAPACITY (Critical Distance) ¹	DISTANCE FOR REDUCED ANCHOR CAPACITY (Minimum Distance) ²	REDUCTION FACTOR ³
SPACING BETWEEN ANCHORS	1 D	D	0.50
EDGE DISTANCE	16D	8D	0.50

1. The listed values are the minimum distances required to obtain the load values listed in Table No. 1. D= Anchor Diameter. When adjacent anchors are different sizes or embedments, use largest value of D. E= Embedment depth.
2. The listed values are the minimum distances at which the anchor can be set, when load values are adjusted appropriately.
3. Load values in the table are multiplied by the reduction factor when anchors are installed at the minimum distances listed. Use linear interpolation for spacing between critical and minimum distances. Multiple reduction factors for more than one spacing or edge distance shall be calculated separately and multiplied.

TABLE No. 3

CONSCREW – Allowable Design Loads for Stainless Steel Anchors.

Anchor Dia. (inches)	Embedment Depth (inches)	2000 psi Concrete		4000 psi Concrete	
		Tension (pounds)	Shear (pounds)	Tension (pounds)	Shear (pounds)
1/4	1	140	295	180	295
	1-1/2	285	335	330	335
	1-3/4	485	425	430	425

1. Allowable loads are based on ultimate load with a 4:1 safety factor.
2. Spacing and edge distances shall be in accordance with Table No. 2.

Approved in accordance with the
 11/23/06
 06-0717.06
 Professional Engineer

REVISION DESCRIPTION	DATE

MIAMI DADE COUNTY – PRODUCT APPROVAL

	TITLE	
	CONSCREW	
	S & S Construction Products, LLC.	2025 NW 15th Ave Suite B Pompano Beach, FL 33069
DATE OF ISSUE:	SHEET No.	DRAWING No.
10/12/06	1 OF 1	MDC-02

Lee W. Mattis 11/23/06