



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
 PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

ITW Building Components Group, Inc.
 2400 Lake Orange Drive, Suite 150
 Orlando, FL 32837

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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: Alpine HS Truss Steel Plate

APPROVAL DOCUMENT: Drawing No. HSDade, titled "Alpine HS Truss Plate", sheet 1 of 1, dated 06/21/2001, with last revision dated 08/16/2007, prepared by ITW Building Components Group, Inc, signed and sealed by Stuart L. Lewis, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

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 revises NOA # 12-0306.09 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.

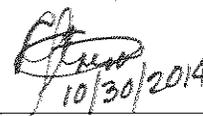


[Signature]
 10/30/2014

NOA No. 14-0811.16
 Expiration Date: May 14, 2016
 Approval Date: November 6, 2014
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. **DRAWINGS** *“Submitted under NOA # 07-0525.01”*
1. Drawing No. **HSDade**, titled “Alpine HS Truss Plate”, sheet 1 of 1, dated 06/21/2001, with last revision dated 08/16/2007, prepared by ITW Building Components Group, Inc, signed and sealed by Stuart L. Lewis, P.E.
- B. **TESTS** *“Submitted under NOA # 07-0525.01”*
1. Test reports on Lateral Resistance Test, Tension and Shear Strength Tests per ANSI/TPI 1-2002, along with marked-up drawings and Tensile Test per ASTM E8-04, prepared by PFS Corporation, Report No. **06-54**, dated 07/18/2007, signed and sealed by James A. Rothman, P.E.
- C. **CALCULATIONS** *“Submitted under NOA # 07-0525.01”*
1. Calculations for Lateral Resistance Values per ANSI/TPI 1-2002, dated 08/16/2007, signed and sealed by Stuart L. Lewis, P.E.
- D. **QUALITY ASSURANCE**
1. Miami-Dade Department of Regulatory and Economic Resources (RER)
- E. **MATERIAL CERTIFICATIONS**
1. None.
- F. **STATEMENTS**
1. Statement letter of code conformance to 5th edition (2014) FBC issued by ITW Building Components Group, Inc, dated 08/04/2014, signed and sealed by Stuart L. Lewis, P.E.
 2. *“Submitted under NOA # 12-0306.09”*
Statement letter of code conformance to 2010 FBC, issued by ITW Building Components Group, Inc, dated 03/01/2012, signed and sealed by Stuart L. Lewis, P.E.



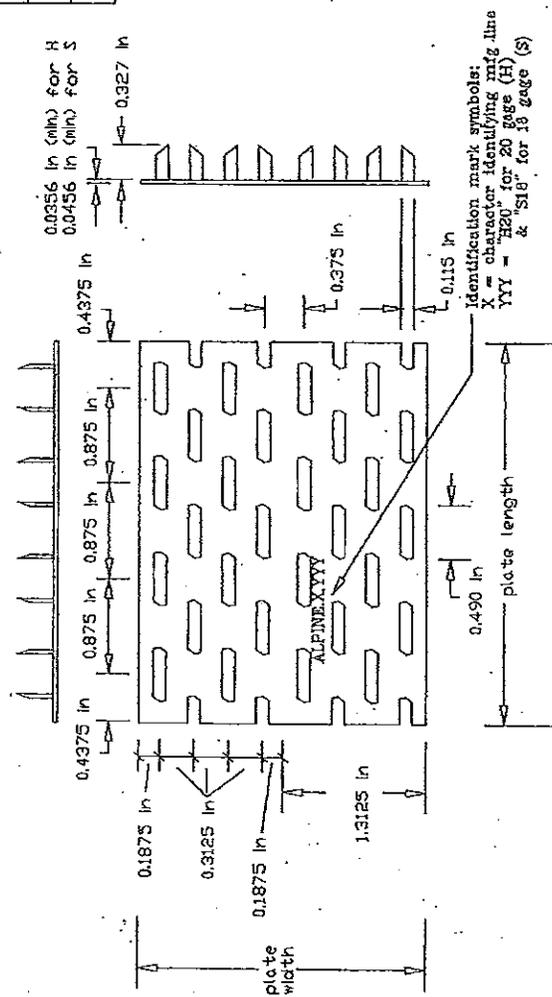
10/30/2014

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 14-0811.16
Expiration Date: May 14, 2016
Approval Date: November 6, 2014

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **14-0811.16**
 Expiration Date **05/15/2016**

By *[Signature]*
 Miami Dade Product Control

ALPINE HS TRUSS PLATE



HS plates are available in width increments of 1.3125" and lengths increments of 1.76", with some half-increments available. Sizes are labelled to the next lower whole inch with two numbers used for width followed by two numbers for length, prefaced with H or S for thickness. This drawing shows size H0203 or S0203.

TRUSS PLATE CHARACTERISTICS

- Thickness: 0.0356 (20 gage a/k/a H) and 0.0456 inches (18 gage a/k/a S)
- Steel Grade: ASTM A653 HSLAS Grade 60 Type B
- Coating: G60 per ASTM A653
- Teeth: 7 Teeth/sq. in.
- Size: Increments of 1.3125" width and 0.875" length
- Other: Slots are 0.115 in wide x 0.49 in long aligned parallel to the plate length and spaced 0.3125 in o.c. across the width of the plate and 0.875 in o.c. along the length of the plate. Adjacent slots are staggered 0.4375 inches along the length of the plate from each other. Slots are grouped in sets of four, as shown above.

LATERAL RESISTANCE

Allowable Loads in lb/sq.in. of plate.

Species	AA	EA	AE	EE
Doug-Fir-Larch & Southern Pine	226	147	117	162
Spruce-Flac-Fir & Hem-Fir	178	119	93	128

Notes: 1. Design values are based on 0.4375" and dihas and 0" edge distance.
 2. Standard values apply to hydraulic, pneumatic and multiple pass roller presses.
 3. Higher values apply to single pass roller presses with 10" or greater diameter rollers shall use the following percentage of the above values:
 G = 80.0% for 20"/HR. 70.0% for 30"/HR.

Shear Load Efficiency

Direction of Load With Respect to Length of Plate	Shear Resistance Effectiveness Ratio
0 degrees	49.7%
30 degrees	80.2%
60 degrees	71.9%
90 degrees	43.1%
120 degrees	49.0%
150 degrees	42.0%

Tension Load Efficiency

Direction	Efficiency
Parallel	69.9%
Perpendicular	27.6%

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PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **11-0228.02**
 Expiration Date **05/15/2016**
 By *[Signature]*
 Miami Dade Product Control

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **07-0205.01**
 Expiration Date **05/15/2016**
 By *[Signature]*
 Miami Dade Product Control
 Division

MANUFACTURER: ITW Building Components Group Inc.
 1350 Marley Dr.
 Hialeah City, FL 33844
 (ph) 863-422-8685

TITLE: Alpine HS Truss Plate

DRAWING NUMBER: HSDR40 **DRAWING DATE:** 08/21/01

SHEET NUMBER: 1 **REVISION DATE:** 08/16/07

FL-ENG: Stuart L. Lewis, P.E. Number 49927

Approved
 8/17/07