



**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.miamidade.gov/buildingcode**

NOTICE OF ACCEPTANCE (NOA)

**United Steel Products Company.
14305 Southcross Drive # 200
Burnsville, MN 55306**

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. BCPRC 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: Joist Hangers JUS Series and Framing Angles JA/MP Series

APPROVAL DOCUMENT: Drawing No. JUS/JA/MP, sheet 1 of 1, dated 02/15/07 with no revisions, prepared by United Steel Products Company signed and sealed by Robert W. Lutz, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance 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 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 # 06-0605.10 consisting of this page 1, evidence page E-1 & approval document mentioned above.

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



**NOA No: 07-0419.01
Expiration Date: July 09, 2012
Approval Date: July 19, 2007
Page 1**

United Steel Products Company.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A DRAWINGS

1. Drawing No. JUS/JA/MP, sheet 1 of 1, dated 02/15/07 with no revisions, prepared by United Steel Products Company signed and sealed by Robert W. Lutz, P.E.

B TEST

Test reports on wood connectors per ASTM D1761-88 by Product Testing, Inc., signed and sealed by C. R. Caudel, P.E.

	Report No.	Wood Connector	Direction	Date
1.	06-6119	JUS26-2	Upward & Down	12/13/06
2.	06-6120	JUS28-2	Upward & Dow	12/08/06
3.	06-6121	JUS210-2	Upward & Dow	12/20/06
4.	07-6164	JA3	F1, F2 and F3	02/01/07
5.	07-6165	JA5	F1, F2 and F3	02/02/07
6.	07-6166	MPA1	F1, F2 and F3	02/22/07
7.	07-6167	MP34	F1, F2 and F3	02/26/07

C CALCULATIONS

- 1 JUS/JA/MP Series Calculations prepared by United Steel Products Company, signed and sealed by Robert W. Lutz, P.E.

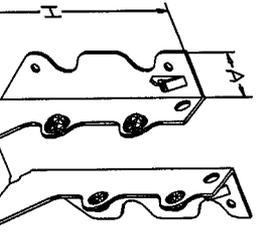
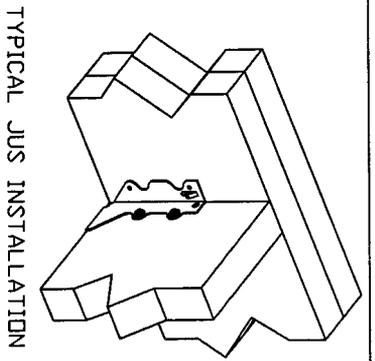
D STATEMENTS

1. No Financial Interest letter issued by United Steel Products Company, dated 04/04/07 signed by Robert W. Lutz, P.E. and notarized by Loretta A. Parker.
2. Code Compliance letter issued by United Steel Products Company, dated 04/04/07, signed and sealed by Robert W. Lutz, P.E.
3. NOA Renewal Request letter issued by United Steel Products Company, dated 04/04/07, signed by Robert W. Lutz, P.E.
4. Code Compliance letters issued by Product Testing, Inc., signed and sealed by C. R. Caudel, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 07-0419.01
Expiration Date: July 09, 2012
Approval Date: July 19, 2007

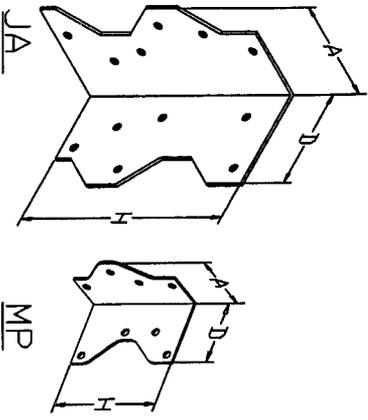
JUS JOIST HANGER



PRODUCT CODE	GAUGE	DIMENSION			FASTENERS		ALLOWABLE LOADS (LBS)		
		W	H	D	A	HEADER	JOIST	DOWN	UPLIFT (160%)
JUS26-2	18	3 1/8	5 1/4	2	1	(4) 16d	(4) 16d	1185	1040
JUS28-2	18	3 1/8	7 1/4	2	1	(6) 16d	(4) 16d	1480	1290
JUS210-2	18	3 1/8	9 1/4	2	1	(8) 16d	(6) 16d	2070	1605
JUS46	18	3 5/8	5	2	1	(4) 16d	(4) 16d	1185	1040
JUS48	18	3 5/8	7	2	1	(6) 16d	(4) 16d	1480	1290
JUS410	18	3 5/8	9	2	1	(8) 16d	(6) 16d	2070	1605
JUS26-3	18	4 5/8	4 1/2	2	1	(4) 16d	(4) 16d	1185	1040
JUS28-3	18	4 5/8	6 1/2	2	1	(6) 16d	(4) 16d	1480	1290
JUS210-3	18	4 5/8	8 1/2	2	1	(8) 16d	(6) 16d	2070	1605

1. Minimum header thickness shall be 2 inches for 16d nails.
2. Specified joist nails shall be installed at 30-40 degrees horizontally such that they penetrate through the end of the joist and into the header.

MP & JA FRAMING ANGLE CONNECTORS



PRODUCT CODE	GAUGE	DIMENSION			FASTENERS	JOIST	F1 (LBS)			F2 (LBS)			F3 (LBS)		
		H	D	A			100%	160%	100%	160%	100%	160%	100%	160%	
JA3	14	3	2 1/2	1/2 (4)	16d	(4) 10d x 1 1/2	466	466*	608	716	171	171*			
JA5	14	5	2 1/2	1/2 (6)	16d	(6) 10d x 1 1/2	774	775	725	725	221	221*			
MP34	18	2	13/16	1 3/8	(3) 8d x 1 1/2	(3) > 8d x 1 1/2	412	475*	412	645*	236	236*			
MPA1	18	4	1/2	1 3/8	(5) 8d x 1 1/2	(5) 8d x 1 1/2	618	653*	618	779	291	291*			

1. Minimum header thickness shall be 2 inches for 16d nails, and 1 1/2 inches for all others specified.
 2. Load values are for framing angles installed singly, and may be doubled if installed in pairs.
 3. The joist shall be a minimum of 1 1/2 inches thick.
- * cannot be used in this direction for wind uplift.
ref: FBC 2321.7- minimum uplift = 700lbs.

GENERAL NOTES:

1. STEEL SHALL CONFORM TO ASTM A553, STRUCTURAL GRADE 33JUN.
2. AND A MINIMUM GALVANIZED COATING OF G-90.
3. FASTENERS ARE COMMON WIRE NAILS UNLESS OTHERWISE NOTED.
4. ALLOWABLE UPLIFT LOADS HAVE BEEN INCREASED BY A SHORT TERM DURATION FACTOR OF 60% WIND LOAD CONDITION.
5. NO FURTHER INCREASE ALLOWED.
6. ALLOWABLE DOWN LOADS ARE NOT INCREASED BY SHORT TERM DURATION FACTOR.
7. ALLOWABLE LOADS ARE BASED ON THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION 2001 EDITION, FOR IN ACCORDANCE WITH ASTM D1761.

TYPICAL MP INSTALLATION
JA INSTALLATION SIMILAR.

PRODUCT REVIEWED
as complying with the Florida
Building Code
Approval No. 07-0419-01
Expiration Date 07/31/2012
By *[Signature]*
Lead Code Product Control
Division

[Signature]
21 2007

UNITED STEEL PRODUCTS COMPANY
14305 Southcross Drive, Suite 200, Burnsville, MN 55308 PH (952) 899-8851.

NAME: FACE MOUNT JOIST HANGER
AND FRAMING ANGLE

DATE: 2/15/07

ROBERT V. LUTZ
PROFESSIONAL ENGINEER (STRUCTURAL)
FLORIDA LICENSE NO. 55409

SHEET: 1 OF 1

DRAWING #: JUS/JA
MP

MDADE