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Product Approval
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FL #	FL17244-R2						
Application Type	Revision						
Code Version	2017						
Application Status	Approved						
	*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.						
Comments							
Archived	<input type="checkbox"/>						
Product Manufacturer	USP Structural Connectors, a MiTek Company						
Address/Phone/Email	14305 Southcross Drive Suite 200 Burnsville, MN 55306 (952) 898-8635 ewalden@mii.com						
Authorized Signature	Erin Walden ewalden@mii.com						
Technical Representative	Erin Walden, EIT						
Address/Phone/Email	14305 Southcross Drive Ste 200 Burnsville, MN 55306 (952) 898-8635 EWalden@mii.com						
Quality Assurance Representative	Todd Asche						
Address/Phone/Email	14305 Southcross Drive Ste 200 Burnsville, MN 55306 (952) 898-8635 tasche@mii.com						
Category	Structural Components						
Subcategory	Wood Connectors						
Compliance Method	Evaluation Report from a Product Evaluation Entity						
Evaluation Entity	ICC Evaluation Service, LLC						
Quality Assurance Entity	ICC Evaluation Service						
Quality Assurance Contract Expiration Date	12/31/2020						
Validated By	Terrence E. Wolfe P.E. <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received						
Certificate of Independence	FL17244_R2_COI_Certification of Independence for Evaluation.pdf						
Referenced Standard and Year (of Standard)	<table border="0"> <tr> <td>Standard</td> <td>Year</td> </tr> <tr> <td>ANSI/AWC NDS</td> <td>2015</td> </tr> <tr> <td>ASTM D7147</td> <td>2005</td> </tr> </table>	Standard	Year	ANSI/AWC NDS	2015	ASTM D7147	2005
Standard	Year						
ANSI/AWC NDS	2015						
ASTM D7147	2005						
Equivalence of Product Standards Certified By	Florida Licensed Professional Engineer or Architect FL17244_R2_Equiv_Equivalence 2015 IBC 2017 FBC.pdf						

Sections from the Code

Product Approval Method Method 1 Option C

Date Submitted 09/27/2018

Date Validated 10/09/2018

Date Pending FBC Approval

Date Approved 10/23/2018

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FL #	Model, Number or Name	Description
17244.1	A3	Framing Angle
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.2	AC5	Framing Angle
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.3	AC7, AC9	Framing Angle
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.4	CMST12, CMST14	Coil Strap
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.5	FWAN-TZ	Foundation Wall Angle
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: The FWAN-TZ is designed to provide lateral in-plane and out-of-plane support between the rim board and foundation wall.		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.6	HH44, HH66	Header Hanger
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.7	HTW16, HTW20, HTW24, HTW28, HTW30, HTW30C, MTW12, MTW16, MTW18, MTW20, MTW24C, MTW28C, MTW30, MTW30C	Twist Strap Tie
Limits of Use		Installation Instructions

	Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:	FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.8	JA1, JA3	Joist Angle
	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:	Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.9	JA5, JA7, JA9	Joist Angle
	Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:	Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.10	KHST2, KHST3, KHST5, KHST6	Strap Tie
	Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:	Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.11	KRPS18, KRPS22, KRPS28	Strap Tie
	Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:	Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.12	KSA36, KHA1, KHA2, KHA3, KHA4, KHA5	Connector Strap
	Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:	Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.13	KST116	Strap Tie
	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:	Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.14	KST29, KST213, KST216, KST218, KST224, KST234, KST227, KST237, KST248, KST260, KST272, KSTI226, KSTI236, KSTI248, KSTI260, KSTI272, LSTI49, LSTI73	Strap Tie
	Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:	Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.15	KVB5, KVB7, KVB8, KVB10, KVB12, KVI5, KVI7, KVI8, KVI10, KVI12	Knee Braces
	Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:	Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf

17244.16	LFTA6	Strap Tie
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.17	LSTA12, LSTA15, LSTA18, LSTA21, LSTA24, LSTA30, LSTA36, MSTA12, MSTA15, MSTA18, MSTA21, MSTA24, MSTA30, MSTA36, MSTA48	Strap Tie
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.18	LSTA9, MSTA9	Strap Tie
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.19	LTW12, LTW16, LTW18, LTW20	Twist Strap Ties (Stud-To-Rim Joist Installation Only)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Stud-To-Rim Joist Installation Only		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.20	LTW12, LTW16, LTW18, LTW20	Twist Strap Ties (Truss-To-Top Plate Installation)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Truss-To-Top Plate Installation		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf

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Product Approval Accepts:



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Product Approval Method Method 1 Option C

Date Submitted 09/27/2018

Date Validated 10/09/2018

Date Pending FBC Approval

Date Approved 10/23/2018

Summary of Products

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FL #	Model, Number or Name	Description
17244.21	ML24-TZ	Angle Connector
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.22	ML26-TZ	Angle Connector
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.23	MP3	Framing Angle
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.24	MP34, MPA1	Multi-Purpose Framing Angle
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.25	MP4F	Multi-Lateral Plate Tie
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: MP4F approved for use in HVHZ when installed in lumber with specific gravity of 0.50 or greater.		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.26	MP5, MP7, MP9	Framing Angle
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: MP5 approved for use in HVHZ when installed with 10d Common (0.148" x 3") nails only. MP5 & MP7 approved for use in HVHZ when installed in lumber with specific gravity of 0.50 or greater		Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf
17244.27	MP6F	Multi-Lateral Plate Tie
Limits of Use Approved for use in HVHZ: No		Installation Instructions FL17244_R2_II_ESR-3455.pdf

	<p>Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:</p>	<p>Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf</p>
17244.28	MSTC28, MSTC40, MSTC52, MSTC66, MSTC78, CMSTC16	Strap Tie
	<p>Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:</p>	<p>Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf</p>
17244.29	RS22-R, RS300, RS20-R, RS250, RS100, RS18-R, RS200, RS150, RS16-R, RS14-100, RS14-R	Colied Strap
	<p>Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:</p>	<p>Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf</p>
17244.30	RSPT4, RSPT6	Stud Plate Tie
	<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:</p>	<p>Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf</p>
17244.31	RSPT6-2	Stud Plate Tie
	<p>Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:</p>	<p>Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf</p>
17244.32	SPT22, SPT24, SPT44	Stud-Plate Tie
	<p>Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:</p>	<p>Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf</p>
17244.33	SPT4, SPT6, SPT8, SPTH4, SPTH6, SPTH8, SPTHW4, SPTHW6	Stud Plate Tie
	<p>Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:</p>	<p>Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf</p>
17244.34	SRC, SRCP	Sill Retrolift Connector
	<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:</p>	<p>Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf</p>
17244.35	ST9, ST12, ST18, ST22	Strap Tie
	<p>Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:</p>	<p>Installation Instructions FL17244_R2_II_ESR-3455.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL17244_R2_AE_ESR-3455.pdf</p>



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