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Product Approval
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FL #	FL14500								
Application Type	New								
Code Version	2007								
Application Status	Approved								
Comments									
Archived	<input type="checkbox"/>								
Product Manufacturer	United Steel Products Company								
Address/Phone/Email	703 Rogers Drive Montgomery, MN 56069 (952) 898-8651 tgrevious@mii.com								
Authorized Signature	Todd Grevious tgrevious@mii.com								
Technical Representative	Todd Grevious, PE								
Address/Phone/Email	14305 Southcross Drive Burnsville, MN 55306 (952) 898-8651 tgrevious@gibraltar1.com								
Quality Assurance Representative	Bryan Phelps								
Address/Phone/Email	14305 Southcross Drive Burnsville, MN 55306 (952) 898-8648 bphelps@gibraltar1.com								
Category	Structural Components								
Subcategory	Wood Connectors								
Compliance Method	Evaluation Report from a Product Evaluation Entity								
Evaluation Entity	IAPMO Evaluation Services LLC.								
Quality Assurance Entity	PFS Corporation								
Quality Assurance Contract Expiration Date	03/01/2014								
Validated By	Terrence E. Wolfe P.E. <input type="checkbox"/> Validation Checklist - Hardcopy Received								
Certificate of Independence									
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th><u>Standard</u></th> <th><u>Year</u></th> </tr> </thead> <tbody> <tr> <td>AF&PA N.D.S.</td> <td>2005</td> </tr> <tr> <td>ASTM D1761</td> <td>2000</td> </tr> <tr> <td>ICC-ES AC155</td> <td>2005</td> </tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	AF&PA N.D.S.	2005	ASTM D1761	2000	ICC-ES AC155	2005
<u>Standard</u>	<u>Year</u>								
AF&PA N.D.S.	2005								
ASTM D1761	2000								
ICC-ES AC155	2005								
Equivalence of Product Standards Certified By									

Sections from the Code

Product Approval Method	Method 1 Option C
Date Submitted	06/21/2011
Date Validated	07/01/2011
Date Pending FBC Approval	07/11/2011
Date Approved	08/09/2011

Summary of Products

FL #	Model, Number or Name	Description
14500.1	DTB-TZ	DTB-TZ Deck Tie Bracket
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other:		Installation Instructions FL14500_R0_II_er-0200.pdf Verified By: IAPMO Evaluation Services LLC. Created by Independent Third Party: Evaluation Reports FL14500_R0_AE_er-0200.pdf
14500.2	HTT4, HTT5	HTT Tension Tie Holdowns
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 FL14500_R0_II_er-0200.pdf Verified By: IAPMO Evaluation Services LLC. Created by Independent Third Party: Evaluation Reports FL14500_R0_AE_er-0200.pdf
14500.3	LTS19, LTS20B	LTS Tension Tie Holdown
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 FL14500_R0_II_er-0200.pdf Verified By: IAPMO Evaluation Services LLC. Created by Independent Third Party: Evaluation Reports FL14500_R0_AE_er-0200.pdf
14500.4	LTTI31	LTTI31 Tension Tie Holdown
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 FL14500_R0_II_er-0200.pdf Verified By: IAPMO Evaluation Services LLC. Created by Independent Third Party: Evaluation Reports FL14500_R0_AE_er-0200.pdf
14500.5	PHD2, PHD5, PHD6, PHD8	PHD Holdowns
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 FL14500_R0_II_er-0200.pdf Verified By: IAPMO Evaluation Services LLC. Created by Independent Third Party: Evaluation Reports FL14500_R0_AE_er-0200.pdf
14500.6	PHD2A, PHD4A, PHD5A, PHD8A	PHDA Holdowns
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 FL14500_R0_II_er-0200.pdf Verified By: IAPMO Evaluation Services LLC. Created by Independent Third Party: Evaluation Reports FL14500_R0_AE_er-0200.pdf
14500.7	TD5, TD7, TD9, TD12, TD15	TD Holdowns
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 FL14500_R0_II_er-0200.pdf Verified By: IAPMO Evaluation Services LLC. Created by Independent Third Party: Evaluation Reports FL14500_R0_AE_er-0200.pdf
14500.8	TDX2	TDX2 Holdown
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A		Installation Instructions FL14500_R0_II_er-0200.pdf Verified By: IAPMO Evaluation Services LLC. Created by Independent Third Party:

Design Pressure: N/A Other:		Evaluation Reports FL14500_R0_AE_er-0200.pdf
14500.9	UPHD8, UPHD9, UPHD11, UPHD14	UPHD Holdowns
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 FL14500_R0_II_er-0200.pdf Verified By: IAPMO Evaluation Services LLC. Created by Independent Third Party: Evaluation Reports FL14500_R0_AE_er-0200.pdf

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Product Approval Accepts:

