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Product Approval
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FL #	FL6223-R1
Application Type	Revision
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	Robert Lutz, P.E.
Address/Phone/Email	11910 62nd Street North Largo, FL 33773 (800) 443-6442 rlutz@uspconnectors.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Structural Components
Subcategory	Wood Connectors
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input checked="" type="checkbox"/> Evaluation Report - Hardcopy Received
Florida Engineer or Architect Name who developed the Evaluation Report	Terrence E. Wolfe
Florida License	PE-44923
Quality Assurance Entity	PFS Corporation
Quality Assurance Contract Expiration Date	12/31/2015
Validated By	Locke Bowden <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received
Certificate of Independence	FL6223 R1 COI Letter of Certification-USP.pdf
Referenced Standard and Year (of Standard)	Standard ASTM D1761
	Year 2000
Equivalence of Product Standards Certified By	
Sections from the Code	

Product Approval Method	Method 1 Option D
Date Submitted	03/04/2009
Date Validated	09/02/2009
Date Pending FBC Approval	07/20/2009
Date Approved	09/17/2009

Summary of Products

FL #	Model, Number or Name	Description
6223.1	GTWS Girder Truss Connector	GTWS2T,GTWS3T,GTWS4T
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: GTWS2T, GTWS3T and GTWS4T: See Installation Details for Allowable Design Load. Not for HVHZ Zones.		Installation Instructions FL6223 R1 II GTWS Installation Details.pdf Verified By: Terrence E. Wolfe, PE 44923 Created by Independent Third Party: Yes Evaluation Reports FL6223 R1 AE ASTM D Equivalence Letter 3-5-09.pdf FL6223 R1 AE GTWS Analysis .pdf FL6223 R1 AE Table II Lateral Design Values.pdf Created by Independent Third Party: Yes
6223.2	HTWM Strap Tie	HTWM16,HTWM20 Strap Tie Wood to Masonry; HTWM16,HTWM20 Strap Tie Wood to Concrete
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: HTWM16,HTWM20 Strap Tie, Wood to Masonry; HTWM16, HTWM20 Strap Tie, Wood to Concrete: See Installation Details for Allowable Design Load. For use in HVHZ Zones.		Installation Instructions FL6223 R1 II HTWM Installation Details.pdf Verified By: Terrence E. Wolfe, PE. 44923 Created by Independent Third Party: Yes Evaluation Reports FL6223 R1 AE HTWM Analysis.pdf Created by Independent Third Party: Yes
6223.3	HUGT Girder TieDown	HUGT2,HUGT3,HUGT4 Girder Tiedown (Non-Sloped Application); HUGT2,HUGT3,HUGT4 Girder Tiedown (Sloped Application 3:12 to 8:12)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: HUGT2,HUGT3,HUGT4 Girder Tiedown (Non-Sloped and Sloped): See Installation Details for Allowable Load. Not for use in HVHZ Zones.		Installation Instructions FL6223 R1 II HUGT Installation detail.pdf Verified By: Terrence E. Wolfe, PE 44923 Created by Independent Third Party: Yes Evaluation Reports FL6223 R1 AE ASTM D Equivalence Letter 3-5-09.pdf FL6223 R1 AE HUGT 2-ply, 3-ply, 4-ply spruce,pine, fir Analysis.pdf FL6223 R1 AE HUGT2, HUGT3, HUGT4 Girder Tiedown sloped Analysis.pdf Created by Independent Third Party: Yes
6223.4	MSH213-SK45	MSH213-SK45 Strap Hangars
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: MSH213-SK45 Strap Hangars, Face Mount; MSH213-SK45 Strap Hangars, Top Mount Minimum Nailing; MSH213-SK45 Strap Hangar, Top Mount Maximum Nailing: See Installation Details for Load. Not for use in HVHZ Zones.		Installation Instructions FL6223 R1 II MSH213 L-R Installation details.pdf Verified By: Terrence E. Wolfe 44923 Created by Independent Third Party: Yes Evaluation Reports FL6223 R1 AE ASTM D Equivalence Letter03-5-09.pdf FL6223 R1 AE MSH213 SK45 Face Mount analysis.pdf FL6223 R1 AE MSH213 SK45 Top Mount Min. Nailing analysis.pdf FL6223 R1 AE MSH214 SK 45 Top Mount Max. Nailing analysis.pdf Created by Independent Third Party: Yes
6223.5	RFUS	RFUS Uplift Girder Tie (Wood to Wood)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: RFUS: See Installation Details for Allowable Design Load. For use in HVHZ Zones.		Installation Instructions FL6223 R1 II RFUS Installation details.pdf Verified By: Terrence E. Wolfe 44923 Created by Independent Third Party: Yes Evaluation Reports FL6223 R1 AE RFUS Analysis.pdf FL6223 R1 AE Table II Lateral Design Values.pdf Created by Independent Third Party: Yes

6223.6	RUSC	RUSC Uplift Girder Tie (Wood to Wood)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: RUSC: See Installation Details for Allowable Design Load. For use in HVHZ Zones.		Installation Instructions FL6223_R1_II_RUSC_Installation_details.pdf Verified By: Terrence E. Wolfe, PE 44923 Created by Independent Third Party: Yes Evaluation Reports FL6223_R1_AE_RUSC_analysis.pdf FL6223_R1_AE_Table II Lateral Design Values.pdf Created by Independent Third Party: Yes

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Product Approval Accepts:

