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Product Approval
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FL #	FL11560-R1								
Application Type	Revision								
Code Version	2010								
Application Status	Approved								
Comments									
Archived	<input type="checkbox"/>								
Product Manufacturer	Metal Sales Manufacturing Corporation								
Address/Phone/Email	545 South 3rd Street, Suite 200 Louisville, KY 40202 (812) 218-7342 dsterner@metalsales.us.com								
Authorized Signature	David Stermer dsterner@metalsales.us.com								
Technical Representative									
Address/Phone/Email									
Quality Assurance Representative									
Address/Phone/Email									
Category	Roofing								
Subcategory	Metal Roofing								
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	Bala Sockalingam								
Florida License	PE-62240								
Quality Assurance Entity	Keystone Certifications, Inc.								
Quality Assurance Contract Expiration Date	12/31/2015								
Validated By	Yoosef Lavi, P.E. <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received								
Certificate of Independence	FL11560_R1_COI_CertificateIndependence.pdf								
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th style="text-align: left;">Standard</th> <th style="text-align: left;">Year</th> </tr> </thead> <tbody> <tr> <td>TAS 125</td> <td>2003</td> </tr> <tr> <td>UL 1897</td> <td>1998</td> </tr> <tr> <td>UL 580</td> <td>1994</td> </tr> </tbody> </table>	Standard	Year	TAS 125	2003	UL 1897	1998	UL 580	1994
Standard	Year								
TAS 125	2003								
UL 1897	1998								
UL 580	1994								
Equivalence of Product Standards Certified By	Florida Licensed Professional Engineer or Architect FL11560_R1_Equiv_TestEquivalent_UL580_UL1897.pdf								
Sections from the Code									
Product Approval Method	Method 1 Option D								
Date Submitted	12/09/2011								
Date Validated	12/13/2011								
Date Received FBC Approval	12/16/2011								

Summary of Products

FL #	Model, Number or Name	Description
11560.1	Aluminum 5V-Crimp	24" wide, nom 0.032" thick (min.) aluminum through fastened roof panel over min 15/32" thick plywood deck or 7/16" thick OSB with fasteners through panel rib.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/- 161.5 Other: Uplift load of 30 psf @ fastener spacing of 36" o.c. and 161.5 psf @ fastener spacing of 6" o.c.		Installation Instructions FL11560_R1_II_D1800_16.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL11560_R1_AE_EvaluationReportC1800_16.pdf Created by Independent Third Party: Yes
11560.2	Aluminum Image II	16" wide, nom 0.032" thick (min.) aluminum concealed fastener roof panel over min 15/32" thick plywood deck or 7/16" thick OSB.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/- 107.35 Other: Uplift load of 22.5 psf @ fastener spacing of 24" o.c. and 107.35 psf @ fastener spacing of 6" o.c.		Installation Instructions FL11560_R1_II_D1800_17.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL11560_R1_AE_EvaluationReportC1800_17.pdf Created by Independent Third Party: Yes
11560.3	Image II	Min. 26 ga., max. 16" wide standing seam roof panel over min. 19/32" thick plywood deck
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/- 139.1 Other: Uplift load of 84.25 psf @ fastener spacing of 24", 102.7 psf @ fastener spacing of 6" and 139.1 psf @ fastener spacing of 6" with 3/8" bead adhesive in sidelap		Installation Instructions FL11560_R1_II_D1800_18.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL11560_R1_AE_EvaluationReportC1800_18.pdf Created by Independent Third Party: Yes
11560.4	Image II	Min. 26 ga., max. 16" wide standing seam roof panel over min. 15/32" thick plywood deck
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/- 84.25 Other: Uplift load of 84.25 psf @ fastener spacing of 24" o.c.		Installation Instructions FL11560_R1_II_D1800_19.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL11560_R1_AE_EvaluationReportC1800_19.pdf Created by Independent Third Party: Yes
11560.5	Magna-Loc	Min. 24 ga., 16" wide standing seam roof panel over plywood deck
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/- 123.5 Other: Uplift load of 95.2 psf @ clip spacing of 30" o.c., 101.0 psf @ clip spacing of 15" o.c., 123.5 psf @ clip spacing of 8" o.c.		Installation Instructions FL11560_R1_II_D1800_20.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL11560_R1_AE_EvaluationReportC1800_20.pdf Created by Independent Third Party: Yes
11560.6	Magna-Loc	Min. 24 ga., 16" wide standing seam roof panel over steel deck
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/- 138.5 Other: Uplift load of 52.5 psf @ clip spacing of 48" o.c., 101.0 psf @ clip spacing of 30" o.c., 138.5 psf @ clip spacing of 8" o.c.		Installation Instructions FL11560_R1_II_D1800_21.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL11560_R1_AE_EvaluationReportC1800_21.pdf Created by Independent Third Party: Yes
11560.7	Stile	Min. 26 ga., 39.4" wide through fastened roof panel over min. 15/32" thick plywood deck
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/- 102.7 Other: Uplift load of 85.8 psf @ fastener spacing of 24" o.c. and 102.7 psf @ fastener spacing of 12" o.c.		Installation Instructions FL11560_R1_II_D1800_22AB.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL11560_R1_AE_EvaluationReportC1800_22.pdf Created by Independent Third Party: Yes
11560.8	Stile	Min. 26 ga., 39.4" wide through fastened roof panel over min. 19/32" thick plywood deck
Limits of Use		Installation Instructions

Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/- 149.6 Other: Uplift load of 50.4 psf @ fastener spacing of 36" o.c., 106.8 psf @ fastener spacing of 24" o.c. and 149.6 psf @ fastener spacing of 12" o.c.		Installation Instructions FL11560_R1_II_D1800_23AB.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL11560_R1_AE_EvaluationReportC1800_23.pdf Created by Independent Third Party: Yes
11560.9	Vertical Seam	Min 24 ga., max. 16" wide standing seam roof panel over min. 15/32" thick plywood deck
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/- 114.25 Other: Uplift load of 73.0 psf @ clip spacing of 24" oc and 114.25 psf @ clip spacing of 8" oc		Installation Instructions FL11560_R1_II_D1800_24.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL11560_R1_AE_EvaluationReportC1800_24.pdf Created by Independent Third Party: Yes
11560.10	Vertical Seam	Min. 26 ga., 16" wide standing seam roof panel over min. 15/32" thick plywood deck
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/- 81.3 Other: Uplift load of 30.0 psf @ clip spacing of 48" o.c. and 81.3 psf @ clip spacing of 6" o.c.		Installation Instructions FL11560_R1_II_D1800_25.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL11560_R1_AE_EvaluationReportC1800_25.pdf Created by Independent Third Party: Yes

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Product Approval Accepts:

