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Product Approval
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FL #	FL7271-R2												
Application Type	Revision												
Code Version	2010												
Application Status	Approved												
Comments													
Archived	<input type="checkbox"/>												
Product Manufacturer	UNION CORRUGATING COMPANY												
Address/Phone/Email	701 S. KING ST. FAYETTEVILLE, NC 28301 (910) 483-0479 Ext 241 dpotts@unioncorrugating.com												
Authorized Signature	Dan Potts dpotts@unioncorrugating.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	FL7271_R2_COI_CertificateIndependence.pdf												
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th>Standard</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>ASTM E1592</td> <td>2001</td> </tr> <tr> <td>FM 4470</td> <td>1992</td> </tr> <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	ASTM E1592	2001	FM 4470	1992	TAS 125	2003	UL 1897	1998	UL 580	1994
Standard	Year												
ASTM E1592	2001												
FM 4470	1992												
TAS 125	2003												
UL 1897	1998												
UL 580	1994												
Equivalence of Product Standards Certified By	Florida Licensed Professional Engineer or Architect FL7271_R2_Equiv_TestEquivalent_7271.pdf												
Sections from the Code													
Product Approval Method	Method 1 Option D												
Date Submitted	11/25/2011												

Date Submitted	11/23/2011
Date Validated	12/08/2011
Date Pending FBC Approval	12/13/2011
Date Approved	01/31/2012

Summary of Products

FL #	Model, Number or Name	Description
7271.1	2-1/2" Corrugated Panel	Min 26 ga., 24" wide through fastened panel
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/-129.25 Other: Uplift load of 129.25 psf @ fastener spacing of 24" o.c. over 19/32" thick plywood		Installation Instructions FL7271_R2_II_D1805_9.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL7271_R2_AE_EvaluationReportC1805_9.pdf Created by Independent Third Party: Yes
7271.2	5V	Min 26 ga., 24" wide through fastened panel over 15/32" thick plywood
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/-66.3 Other: Uplift load of 66.3 psf @ fastener spacing of 12" o.c.		Installation Instructions FL7271_R2_II_D1805_10.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL7271_R2_AE_EvaluationReportC1805_10.pdf Created by Independent Third Party: Yes
7271.3	5V	Min 29 ga., 24" wide through fastened panel over 15/32" thick plywood 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/-52.5 Other: Uplift load of 52.5 psf @ fastener spacing of 12" o.c.		Installation Instructions FL7271_R2_II_D1805_11_UL579.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL7271_R2_AE_EvaluationReportC1805_11.pdf Created by Independent Third Party: Yes
7271.4	5V	Min 26 ga., 24" wide through fastened panel over 19/32" thick plywood
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +N/A/-120.9 Other: Uplift load of 120.9 psf @ fastener spacing of 24" o.c. for Fastener Pattern 1. Uplift load of 85.8 psf @ fastener spacing of 24" o.c. and 113.1 psf @ fastener spacing of 12" o.c. for Fastener Pattern 2.		Installation Instructions FL7271_R2_II_D1805_12.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL7271_R2_AE_EvaluationReportC1805_12.pdf Created by Independent Third Party: Yes
7271.5	Advantage-Lok II	Min 26 ga., 16" wide concealed fastened panel over 15/32" & 19/32" thick plywood
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +N/A/-107.9 Other: Uplift load of 59.4 psf @ fastener spacing of 6" o.c. in 15/32" plywood. Uplift load of 97.5 psf @ fastener spacing of 6" o.c. with structural sealant in 15/32" plywood. Uplift load of 107.9 psf @ fastener spacing of 4" o.c. with structural sealant in 19/32" plywood.		Installation Instructions FL7271_R2_II_D1805_13.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL7271_R2_AE_EvaluationReportC1805_13.pdf Created by Independent Third Party: Yes
7271.6	MasterRib	Min 26 ga., 36" wide through fastened panel over 19/32" thick plywood
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/-114.3 Other: Uplift load of 61.8 psf @ fastener spacing of 30" o.c. and 114.3 psf @ fastener spacing of 24" o.c.		Installation Instructions FL7271_R2_II_D1805_14.pdf Verified By: Bala Sockalingam 62240 Created by Independent Third Party: Yes Evaluation Reports FL7271_R2_AE_EvaluationReportC1805_14.pdf Created by Independent Third Party: Yes
7271.7	MasterRib	Min 29 ga., 36" wide through fastened panel over 15/32" thick plywood
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/-113.1		Installation Instructions FL7271_R2_II_D1805_15.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports

<p>Other: Uplift load of 45.0 psf @ fastener spacing of 24" o.c. & 113.1 psf @ fastener spacing of 12" o.c.</p>		<p>Evaluation Reports FL7271_R2_AE_EvaluationReportC1805_15.pdf Created by Independent Third Party: Yes</p>
7271.8	MasterRib	Min 29 ga., 36" wide through fastened panel over 15/32" thick plywood or 7/16" thick OSB
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/-52.5 Other: Uplift load of 52.5 psf @ fastener spacing of 12" o.c.</p>		<p>Installation Instructions FL7271_R2_II_D1805_16_UL584.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL7271_R2_AE_EvaluationReportC1805_16.pdf Created by Independent Third Party: Yes</p>
7271.9	MasterRib	Min 29 ga., 36" wide through fastened panel over nom. 1" x 4" furring and 15/32" thick plywood or 7/16" thick OSB
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/-114 Other: Uplift load of 71 psf for Fastener Pattern 1 & 114 psf for Fastener Pattern 2</p>		<p>Installation Instructions FL7271_R2_II_D1805_17.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL7271_R2_AE_EvaluationReportC1805_17.pdf Created by Independent Third Party: Yes</p>
7271.10	ML200	Min 24 ga., max 16" wide standing seam metal panel with double lock seam over metal deck.
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/-116.0 Other: Uplift load of 71.0 psf @ clip spacing of 36" o.c. and 116.0 psf @ clip spacing of 12" o.c.</p>		<p>Installation Instructions FL7271_R2_II_D1805_18.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL7271_R2_AE_EvaluationReportC1805_18.pdf Created by Independent Third Party: Yes</p>
7271.11	PBR	Min 26 ga., 36" wide through fastened panel over 15/32" thick plywood
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/-52.5 Other: Uplift load of 52.5 psf @ fastener spacing of 12" o.c.</p>		<p>Installation Instructions FL7271_R2_II_D1805_19_UL638.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL7271_R2_AE_EvaluationReportC1805_19.pdf Created by Independent Third Party: Yes</p>
7271.12	SL175	Min 24 ga., max 16" wide snap-lock standing seam metal panel over metal deck.
<p>Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/-86.0 Other: Uplift load of 63.5 psf @ clip spacing of 36" o.c. and 86.0 psf @ clip spacing of 12" o.c.</p>		<p>Installation Instructions FL7271_R2_II_D1805_20.pdf Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes Evaluation Reports FL7271_R2_AE_EvaluationReportC1805_20.pdf Created by Independent Third Party: Yes</p>

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Product Approval Accepts:

