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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	<a href="#">FL7271_R2_COI_CertificateIndependence.pdf</a>												
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th><b>Standard</b></th> <th><b>Year</b></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>	<b>Standard</b>	<b>Year</b>	ASTM E1592	2001	FM 4470	1992	TAS 125	2003	UL 1897	1998	UL 580	1994
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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 <a href="#">FL7271_R2_Equiv_TestEquivalent_7271.pdf</a>												
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
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> N/A <b>Design Pressure:</b> +N/A/-129.25 <b>Other:</b> Uplift load of 129.25 psf @ fastener spacing of 24" o.c. over 19/32" thick plywood		<b>Installation Instructions</b> <a href="#">FL7271_R2_II_D1805_9.pdf</a> Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL7271_R2_AE_EvaluationReportC1805_9.pdf</a> Created by Independent Third Party: Yes
7271.2	5V	Min 26 ga., 24" wide through fastened panel over 15/32" thick plywood
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> N/A <b>Design Pressure:</b> +N/A/-66.3 <b>Other:</b> Uplift load of 66.3 psf @ fastener spacing of 12" o.c.		<b>Installation Instructions</b> <a href="#">FL7271_R2_II_D1805_10.pdf</a> Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL7271_R2_AE_EvaluationReportC1805_10.pdf</a> 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
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> N/A <b>Design Pressure:</b> +N/A/-52.5 <b>Other:</b> Uplift load of 52.5 psf @ fastener spacing of 12" o.c.		<b>Installation Instructions</b> <a href="#">FL7271_R2_II_D1805_11_UL579.pdf</a> Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL7271_R2_AE_EvaluationReportC1805_11.pdf</a> Created by Independent Third Party: Yes
7271.4	5V	Min 26 ga., 24" wide through fastened panel over 19/32" thick plywood
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> +N/A/-120.9 <b>Other:</b> 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.		<b>Installation Instructions</b> <a href="#">FL7271_R2_II_D1805_12.pdf</a> Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL7271_R2_AE_EvaluationReportC1805_12.pdf</a> 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
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> +N/A/-107.9 <b>Other:</b> 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.		<b>Installation Instructions</b> <a href="#">FL7271_R2_II_D1805_13.pdf</a> Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL7271_R2_AE_EvaluationReportC1805_13.pdf</a> Created by Independent Third Party: Yes
7271.6	MasterRib	Min 26 ga., 36" wide through fastened panel over 19/32" thick plywood
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> N/A <b>Design Pressure:</b> +N/A/-114.3 <b>Other:</b> Uplift load of 61.8 psf @ fastener spacing of 30" o.c. and 114.3 psf @ fastener spacing of 24" o.c.		<b>Installation Instructions</b> <a href="#">FL7271_R2_II_D1805_14.pdf</a> Verified By: Bala Sockalingam 62240 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL7271_R2_AE_EvaluationReportC1805_14.pdf</a> Created by Independent Third Party: Yes
7271.7	MasterRib	Min 29 ga., 36" wide through fastened panel over 15/32" thick plywood
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> N/A <b>Design Pressure:</b> +N/A/-113.1		<b>Installation Instructions</b> <a href="#">FL7271_R2_II_D1805_15.pdf</a> Verified By: Bala Sockalingam PE 62240 Created by Independent Third Party: Yes <b>Evaluation Reports</b>

<p><b>Other:</b> Uplift load of 45.0 psf @ fastener spacing of 24" o.c. &amp; 113.1 psf @ fastener spacing of 12" o.c.</p>		<p><b>Evaluation Reports</b>  <a href="#">FL7271_R2_AE_EvaluationReportC1805_15.pdf</a>                  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><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> N/A  <b>Design Pressure:</b> +N/A/-52.5  <b>Other:</b> Uplift load of 52.5 psf @ fastener spacing of 12" o.c.</p>		<p><b>Installation Instructions</b>  <a href="#">FL7271_R2_II_D1805_16_UL584.pdf</a>                  Verified By: Bala Sockalingam PE 62240                  Created by Independent Third Party: Yes  <b>Evaluation Reports</b>  <a href="#">FL7271_R2_AE_EvaluationReportC1805_16.pdf</a>                  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><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> N/A  <b>Design Pressure:</b> +N/A/-114  <b>Other:</b> Uplift load of 71 psf for Fastener Pattern 1 &amp; 114 psf for Fastener Pattern 2</p>		<p><b>Installation Instructions</b>  <a href="#">FL7271_R2_II_D1805_17.pdf</a>                  Verified By: Bala Sockalingam PE 62240                  Created by Independent Third Party: Yes  <b>Evaluation Reports</b>  <a href="#">FL7271_R2_AE_EvaluationReportC1805_17.pdf</a>                  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><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> N/A  <b>Design Pressure:</b> +N/A/-116.0  <b>Other:</b> Uplift load of 71.0 psf @ clip spacing of 36" o.c. and 116.0 psf @ clip spacing of 12" o.c.</p>		<p><b>Installation Instructions</b>  <a href="#">FL7271_R2_II_D1805_18.pdf</a>                  Verified By: Bala Sockalingam PE 62240                  Created by Independent Third Party: Yes  <b>Evaluation Reports</b>  <a href="#">FL7271_R2_AE_EvaluationReportC1805_18.pdf</a>                  Created by Independent Third Party: Yes</p>
7271.11	PBR	Min 26 ga., 36" wide through fastened panel over 15/32" thick plywood
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> N/A  <b>Design Pressure:</b> +N/A/-52.5  <b>Other:</b> Uplift load of 52.5 psf @ fastener spacing of 12" o.c.</p>		<p><b>Installation Instructions</b>  <a href="#">FL7271_R2_II_D1805_19_UL638.pdf</a>                  Verified By: Bala Sockalingam PE 62240                  Created by Independent Third Party: Yes  <b>Evaluation Reports</b>  <a href="#">FL7271_R2_AE_EvaluationReportC1805_19.pdf</a>                  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><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> N/A  <b>Design Pressure:</b> +N/A/-86.0  <b>Other:</b> Uplift load of 63.5 psf @ clip spacing of 36" o.c. and 86.0 psf @ clip spacing of 12" o.c.</p>		<p><b>Installation Instructions</b>  <a href="#">FL7271_R2_II_D1805_20.pdf</a>                  Verified By: Bala Sockalingam PE 62240                  Created by Independent Third Party: Yes  <b>Evaluation Reports</b>  <a href="#">FL7271_R2_AE_EvaluationReportC1805_20.pdf</a>                  Created by Independent Third Party: Yes</p>

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**Product Approval Accepts:**

