

**EVALUATION REPORT OF
UNION CORRUGATING COMPANY
'26 GA. 2-1/2" CORRUGATED PANEL'**

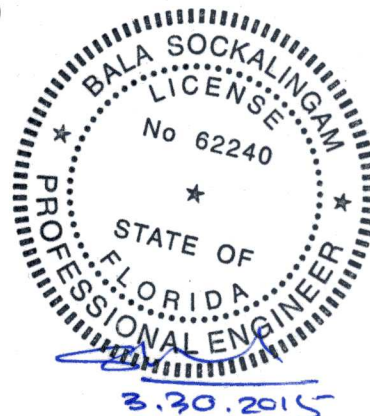
**FLORIDA BUILDING CODE 5TH EDITION (2014)
FLORIDA PRODUCT APPROVAL
FL 7271.1-R3
ROOFING
METAL ROOFING**

**Prepared For:
Union Corrugating Company
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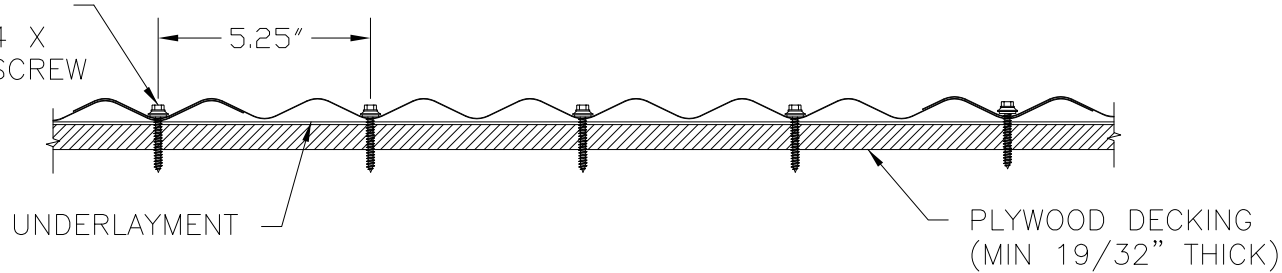
**This report consists of
Evaluation Report (2 Pages including cover)
Installation Details (1 Page)**

**Report No. C1999-9
Date: 3.30.15**



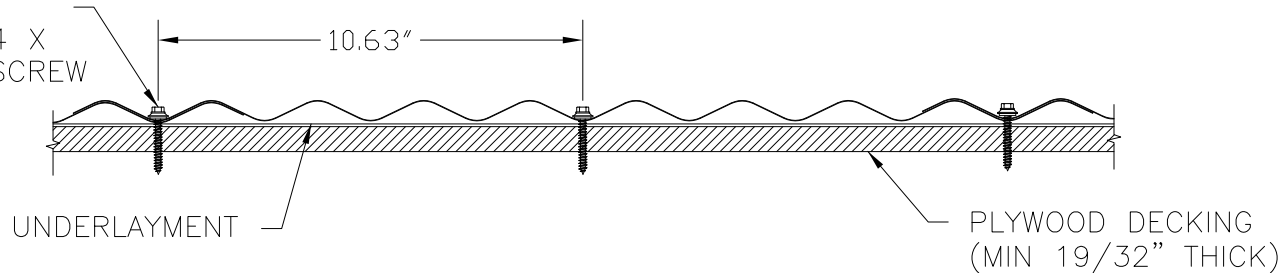
Manufacturer:	Union Corrugating Company
Product Name:	2-1/2" Corrugated Panel
Panel Description:	24" wide with (10) 1/2" high ribs spaced at 2.67" o.c. Coverage width of 21-1/4".
Materials:	Minimum 26 ga., 80 ksi steel. Galvanized coated steel (ASTM A653) or Galvalume coated steel (ASTM A792) or painted steel (ASTM A755).
Deck Description:	Min. 19/32" thick APA rated plywood or min. 3/4" thick wood plank (min SG of 0.42) for new and existing constructions. Designed by others and installed as per FBC 2014.
Underlayment:	Minimum underlayment as per FBC 2014 Section 1507.4.5.1
Slope:	1/2:12 or greater in accordance with FBC 2014 Section 1507.4.2
Design Uplift Pressure: (Factor of Safety = 2)	129.25 psf @ fastener spacing of 24" o.c.
Panel Attachment: At panel ends At intermediate	#9-15 or #10-14 x 1.5" long wood screw with washer @ 5.25" o.c. across panel width @ 10.625" o.c. across panel width
Test Standards:	Roof assembly tested in accordance with UL580-94 'Uplift Resistance of Roof Assemblies' & UL1897-98 'Uplift Tests for Roof Covering Systems'.
Code Compliance:	The product described herein has demonstrated compliance with FBC 2014 Section 1507.4.
Product Limitations:	Design wind loads shall be determined for each project in accordance with FBC 2014 Section 1609 or ASCE 7-10 using allowable stress design. The maximum fastener spacing listed herein shall not be exceeded. This product is not approved for use in the High Velocity Hurricane Zone. Fire classification is not within scope of this Evaluation Report. Refer to FBC 2014 Section 1505 and current approved roofing materials directory or ASTM E108/UL790 report from an accredited laboratory for fire ratings of this product.
Supporting Documents:	UL580/UL1897 Test Report Hurricane Test Laboratory Report No. 0293-0203-06, Reporting Date 4/5/06

PANEL FASTENER
#9-15 OR #10-14 X
1.5" LONG WOOD SCREW
WITH WASHER



FASTENER PATTERN @ EAVE, RIDGE & VALLEY

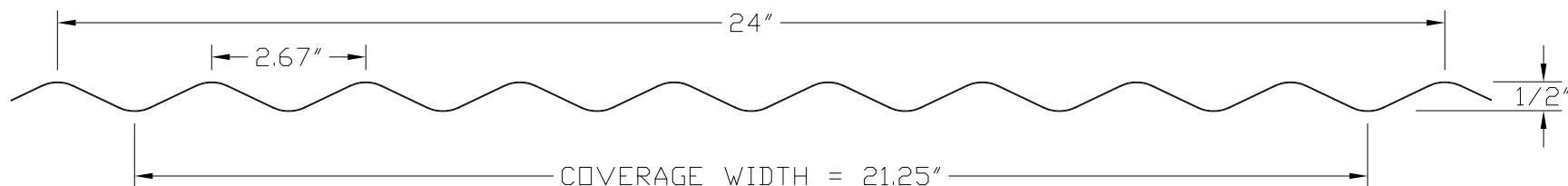
PANEL FASTENER
#9-15 OR #10-14 X
1.5" LONG WOOD SCREW
WITH WASHER



FASTENER PATTERN @ INTERMEDIATE LOCATIONS

ALLOWABLE UPLIFT PRESSURE

FASTENER SPACING (IN)	PRESSURE (PSF)
24	129.25



Corrugated Panel Profile

Minimum 26 Gauge, Minimum Yield = 80 KSI

UNION CORRUGATING COMPANY 701 SOUTH KING ST FAYETTEVILLE, NC 28302 Ph: (910) 485-2195 Fax: (910) 485-1981		CAD FILE: SV		SCALE NONE	DRAWN: Bala Sockalingam	CHECKED: APPROVED:	DATE 3-19-2015	REV 1	DATE	REVISIONS
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