

HIBCO PLASTICS, INC.

VERSA VENT RIDGE VENT MATERIAL

FBC PRODUCT APPROVAL DRAWING

GENERAL NOTES:

1.

THE PRODUCT SHOWN IN THIS PRODUCT EVALUATION DOCUMENT SATISFIES THE REQUIREMENTS FOR THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE - BUILDING AND RESIDENTIAL VOLUMES.
2.

THE PRODUCT SHOWN IN THIS PRODUCT EVALUATION DOCUMENT HAS BEEN TESTED AS FOLLOWS:
- 2.1.

WIND AND WIND DRIVEN RAIN RESISTANCE AS DOCUMENTED IN ATI TEST REPORT NO. 54543.01-120-32 IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE.
- 2.1.1.

TAS 100(A)-95, TEST PROCEDURE FOR WIND AND WIND DRIVEN RAIN RESISTANCE AND/OR INCREASED WINDSPEED RESISTANCE OF SOFFIT VENTILATION STRIP AND CONTINUOUS OR INTERMITTENT VENTILATION SYSTEM INSTALLED AT THE RIDGE AREA.
- 2.1.1.1.

PASSED SECTION 10.3 OF TAS 100(A)-95 TO A MEAN ROOF HEIGHT OF 75 FT.
- 2.1.1.2.

PASSED SECTION 10.3 OF TAS 100(A)-95 TO A MAXIMUM WIND SPEED OF 110 MPH.
- 2.2.

PLASTICS TESTING AS DOCUMENTED IN ATI TEST REPORT NO. 60944.01-106-31
- 2.2.1.

ASTM D 1929, STANDARD TEST METHOD FOR DETERMINING IGNITION TEMPERATURE OF PLASTICS. RESULTS EXCEEDING THE CURRENT EDITION OF THE FBC ARE:
- 2.2.1.1.

(SPONTANEOUS) SELF-IGNITION TEMPERATURE IS 807°F.
- 2.2.2.

ASTM D 635, STANDARD TEST METHOD FOR RATE OF BURNING AND/OR EXTENT AND TIME OF BURNING OF PLASTICS IN A HORIZONTAL POSITION. RESULTS EXCEEDING THE CURRENT EDITION OF THE FBC ARE:
- 2.2.2.1.

AVERAGE LINEAR BURN RATE WAS ZERO IN/SEC OBTAINING A CC-1 CLASSIFICATION.
- 2.2.3.

ASTM D 2843, STANDARD TEST METHOD FOR DENSITY OF SMOKE FROM THE BURNING OR DECOMPOSITION OF PLASTICS. RESULTS EXCEEDING THE CURRENT EDITION OF THE FBC ARE:
- 2.2.3.1.

AVERAGE SMOKE DENSITY RATING IS 63.8.
3.

PRODUCT SERIES/MODEL COVERED BY THE AFOREMENTIONED TESTING INCLUDES:
- 3.1.

1-3/4" NEEDLE POINT, 1-3/4" WIDE RETICULATED BLACK FOAM RIDGE VENT MATERIAL.
- 3.2.

2" MWI, 2" WIDE RETICULATED BLACK FOAM RIDGE VENT MATERIAL.
- 3.3.

2" NEEDLE POINT, 2" WIDE RETICULATED BLACK FOAM RIDGE VENT MATERIAL.
4.

LIMITATIONS AND CONDITIONS OF USE INCLUDE:
- 4.1.

THE PRODUCT IMPACT RATING IS N/A.
- 4.2.

THE MAXIMUM MEAN ROOF HEIGHT SHALL BE 75 FT.
- 4.3.

THE MAXIMUM DESIGN WIND SPEED OF THE PROJECT SHALL BE LIMITED TO 110 MPH.
5.

INSTALLATION SHALL RESULT IN MINIMUM NET FREE VENTILATION AREA REQUIREMENTS AS SET FORTH IN THE CURRENT EDITION OF THE FLORIDA BUILDING CODE AND CURRENT EDITION OF THE FLORIDA RESIDENTIAL CODE.
6.

NOT COVERED IN THIS PRODUCT EVALUATION DOCUMENT:
- 6.1.

RIDGE CAP IS NOT COVERED UNDER THIS PRODUCT APPROVAL AND WILL NEED A SEPARATE PRODUCT APPROVAL.
- 6.2.

RIDGE CAP INSTALLATION SHALL BE AS DESCRIBED IN THE RIDGE CAP PRODUCT APPROVAL

INSTALLATION NOTES:

1.

INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS ON A SPECIFIC SITE.
2.

IF SITE CONDITIONS CAUSE INSTALLATIONS TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS PRODUCT EVALUATION DOCUMENT.
3.

SEE SHEET 2, STEPS 1 THROUGH 4 FOR ILLUSTRATION OF VERSA VENT MATERIAL INSTALLATION.
- 3.1.

SEE GENERAL NOTE 6 FOR ROOFING ITEMS NOT COVERED BY THIS PRODUCT APPROVAL.
4.

RIDGE CAP FASTENERS SHALL BE A MINIMUM 1/4" x 1-1/4" SELF-TAPPING SHEET METAL SCREWS. THE FASTENERS SHALL PASS THROUGH THE RIDGE CAP, THROUGH THE VERSA VENT MATERIAL AND THROUGH THE PEAK OF THE CORRUGATED ROOFING AT LEAST THREE FULL THREADS DEEP.
- 4.1.

SEE SHEET 2, STEP 4 FOR ILLUSTRATION OF FASTENER PLACEMENT AND INSTALLATION.

DESIGN PRESSURE RATING (PSF)	IMPACT RATING
N/A	N/A

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PROJECT #417-0702

HIBCO PLASTICS, INC.

P.O. BOX 157

YADKINVILLE, NC 27055

TITLE:

VERSA VENT RIDGE VENT MATERIAL GENERAL AND INSTALLATION NOTES

PREPARED BY:

RJA

DATE:

10/18/12

DRAWING NO:

HIB0001

SHEET:

1 OF 3

REV:

B

UPDATE TO CURRENT EDITION OF FBC

1/16/18

DESCRIPTION

REV

RJA

DATE

BY

PTC PRODUCT DESIGN GROUP, LLC

PO BOX 520775

LONGWOOD, FLORIDA 32752

Phone: 321.690.1788

Fax: 321.690.1789

Email: info@hibco-corp.com

FBPE Cert. of Auth. No. 25935

Robert J. Amoruso, P.E.

FLORIDA P.E. No. 49752

Digitally signed by Robert J Amoruso

Date: 2018.02.26 14:28:32 -05'00'

A photograph showing two workers on a roof. One worker, wearing a dark long-sleeved shirt, is on the left, holding a long, thin metal panel. The other worker, wearing light blue jeans and a tool belt, is on the right, also holding the panel. They are installing a green metal roof. The background shows a wooded area with trees and a red building.

A close-up photograph of a green metal roof. The image shows the overlapping ridges of the metal panels. A dark, textured underlayment strip is visible between the panels, showing some wear and small holes. The background is a blurred view of trees and foliage.

A close-up photograph of a green metal roof. The image shows the corrugated metal panels and a ridge cap that runs along the peak. Three metal fasteners are visible, securing the ridge cap to the underlying structure. The background is a blurred view of dry, brown vegetation.

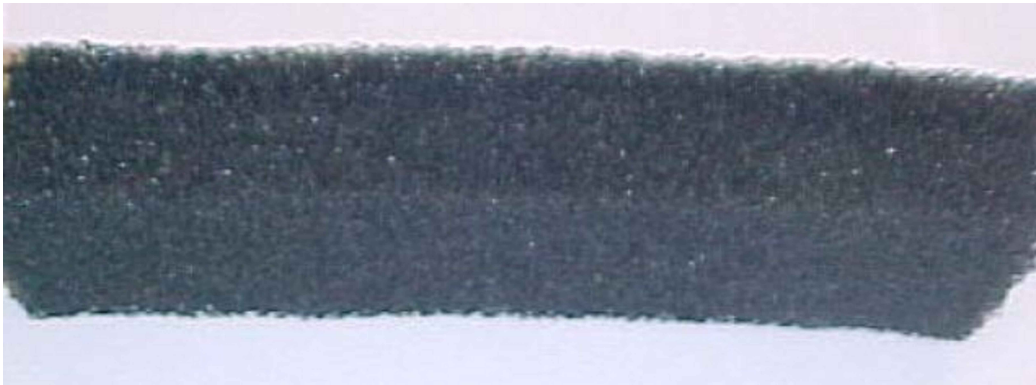
PROJECT #417-0702				
B	UPDATE TO CURRENT EDITION OF FBC	1/16/18	RJA	
REV	DESCRIPTION	DATE	BY	

HIBCO PLASTICS, INC. P.O. BOX 157 YADKINVILLE, NC 27055		VERS A VENT RIDGE VENT MATERIAL VERS A VENT RIDGE VENT - APPLICATION INSTRUCTIONS	
TITLE:		PREPARED BY:	
		DRAWN BY: RJA	
PTIC PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752 FBPE Cert. of Auth. No. 25935		DATE: 10/18/12	
Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptic-corp.com		DRAWING NO: HIB0001	
		REV: B	
		SHEET: 2 OF 3	

A circular professional engineer seal for Robert James Amoroso. The outer ring contains the text "ROBERT JAMES AMOROSO" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top, "No 49752" is in the center, and "STATE OF FLORIDA" is at the bottom. A signature is written across the center of the seal.

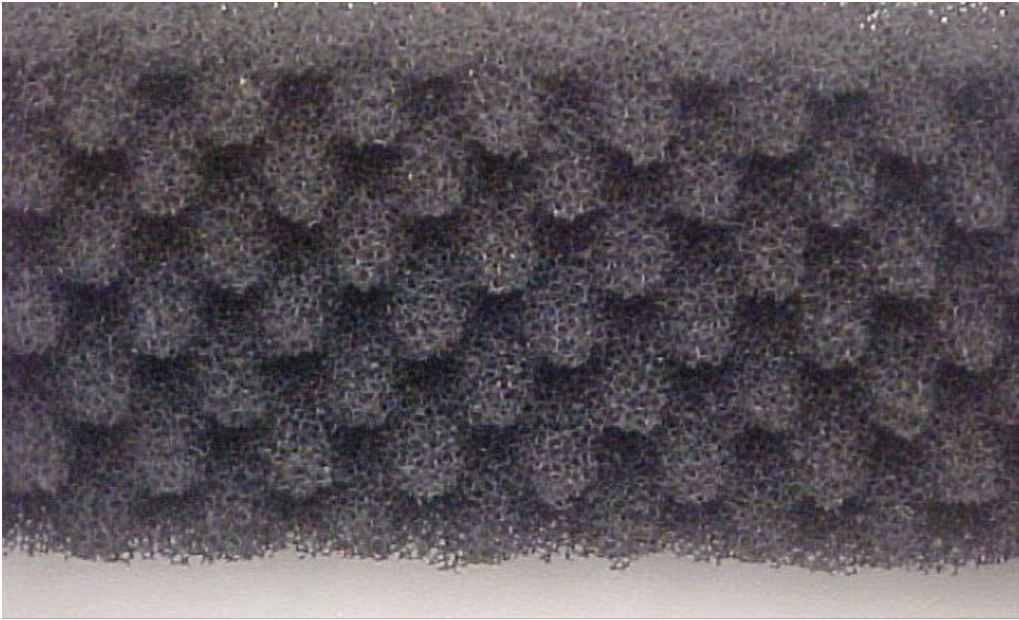
Digitally signed by Robert J Amoruso
Date: 2018.02.26 14:29:01 -05'00'

VERS A VENT RIDGE VENT - TYPICAL SECTION ILLUSTRATIONS



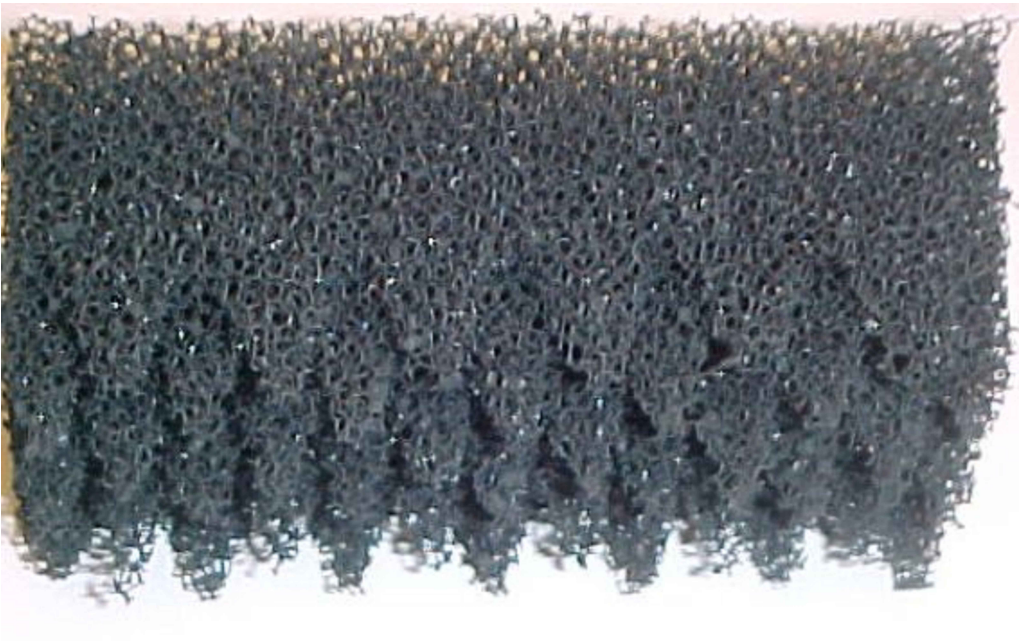
2" MWI

2" WIDE RETICULATED BLACK
FOAM RIDGE VENT MATERIAL.



2" NEEDLE POINT

2" WIDE RETICULATED BLACK
FOAM RIDGE VENT MATERIAL

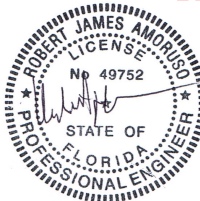


1-3/4" NEEDLE POINT

1-3/4" WIDE RETICULATED
BLACK FOAM RIDGE VENT
MATERIAL.

HIBCO PLASTICS, INC. P.O. BOX 157 YADKINVILLE, NC 27055				PROJECT #417-0702			
TITLE: VERSA VENT RIDGE VENT MATERIAL VERSA VENT RIDGE VENT - TYPICAL SECTION ILLUSTRATIONS							
PREPARED BY:							
DRAWN BY: RJA		DATE: 10/18/12					
SCALE: N.T.S.		DRAWING NO: HIB0001					
REV: B		SHEET: 3 OF 3		B		UPDATE TO CURRENT EDITION OF FBC	
PTC PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752 FBPE Cert. of Auth. No. 25935 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@pdc-corp.com				1/16/18		RJA	
				REV		DESCRIPTION	
				DATE		BY	

Robert J. Amoruso, P.E.
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signed by
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Amoruso
Date:
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