

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	Regency Plus	Series 8313 Vinyl Tilt	28486.1
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

NOTES: _____



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

OFFICE OF THE
SECRETARY

FL #

FL28486-R2

Application Type

Revision

Code Version

2020

Application Status

Approved

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

28486.1

Comments

Archived

Product Manufacturer

Regency Plus Inc

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Quality Assurance Representative

Address/Phone/Email

Category

Windows

Subcategory

Double Hung

Compliance Method

Certification Mark or Listing

Certification Agency

National Accreditation & Management Institute

Validated By

National Accreditation & Management Institute

Referenced Standard and Year (of Standard)

Standard

AAMA/WDMA/CSA 101/I.S.2/A440

Year

2011

Equivalence of Product Standards

Certified By

Product Approval Method

Method 1 Option A

Date Submitted

11/06/2020

Date Validated

11/09/2020

Date Pending FBC Approval

Summary of Products

FL #	Model, Number or Name	Description
28486.1	Series 8313 Vinyl Tilt Double Hung Window	Series 8313 Vinyl Tilt Double Hung Window 53" x 77" Non-Impact Through Jamb Anchoring.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other:		Certification Agency Certificate FL28486 R2 C CAC NIO14261-R1.pdf Quality Assurance Contract Expiration Date 10/31/2022 Installation Instructions FL28486 R2 II RPLS0076 Rev0 Series-8313-DH ss.pdf Verified By: Robert J. Amoruso, P.E. FL License No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL28486 R2 AE PERNo2579 Rev2 FL28486 8313 DH ss.pdf Created by Independent Third Party: Yes

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Product Approval Accepts:

Credit Card
Safe

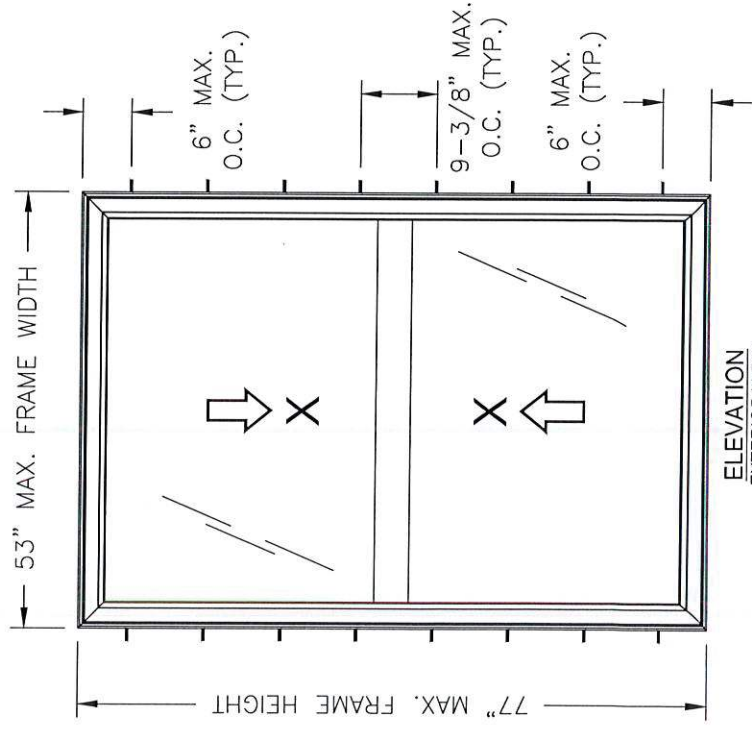


REGENCY PLUS, INC.

SERIES 8313 VINYL TILT DOUBLE HUNG WINDOW INSTALLATION ANCHORAGE DETAILS

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. WOOD FRAMING, 2X WOOD BUCK, METAL FRAMING AND CONCRETE/MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND CONCRETE/MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER CONCRETE/MASONRY IS OPTIONAL. WHERE 1X BUCKS ARE USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME AND 1X BUCK INTO CONCRETE/MASONRY SUBSTRATE. WHERE 1X BUCK IS NOT USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME INTO CONCRETE/MASONRY SUBSTRATE. DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. THE PRODUCT SHOWN HEREIN HAS BEEN TESTED TO THE FOLLOWING:
 - 4.1. AAMA WDMA/CSA 101/II.S.2/A440-11. SEE TEST REPORT NO. NCTL-110-21524-2, DATED 10/16/18 BY NATIONAL CERTIFIED TESTING LABORATORIES, YORK, PA.
5. MATERIAL:
 - 5.1. FRAME: EXTRUDED RIGID PVC
 - 5.2. REINFORCEMENT:
 - 5.2.1. GALVANIZED STEEL TUBE - TOP RAIL OF SASH AND INTERIOR MEETING RAIL.
 - 5.2.2. U-SHAPED GALVANIZED STEEL - BOTTOM RAIL OF SASH AND EXTERIOR MEETING RAIL.
6. GLAZING:
 - 6.1. GLAZING DETAIL AS TESTED: 22.1mm (0.870") NOMINAL O.A. IGU COMPRISED OF 2 LITES OF 3mm (0.118") TEMPERED GLASS AND 16.05mm (0.632") STAINLESS STEEL SPACER (TYPE SS-D). INTERIOR GLAZED AGAINST A (2)-LEAF DUAL DUROMETER BACK BEDDING AND A SNAP-IN (2)-LEAF DUAL DUROMETER BACK BEDDING WITH GLAZING BEAD.
 - 6.2. AS TESTED GLAZING MEETS ASTM E1300-09a FOR THE DESIGN CONDITIONS SHOWN IN THIS PRODUCT APPROVAL DOCUMENT.
 - 6.3. ALTERNATE GLAZING MEETING THE REQUIREMENTS OF AAMA WDMA/CSA 101/II.S.2/A440 SHALL BE ALLOWED PER ASTM E1300 IN NON-HVHZ LOCATIONS.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. FOR ANCHORING INTO CONCRETE/MASONRY USE 3/16" FLAT HEAD TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO CONCRETE WITH 1 1/8" MINIMUM EDGE DISTANCE AND 1" MINIMUM EMBEDMENT INTO MASONRY WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
10. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 FLAT HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
11. FOR ANCHORING INTO METAL STRUCTURE USE #10 FLAT HEAD SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
12. ALL FASTENERS TO BE CORROSION RESISTANT.
13. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - 13.1. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 13.2. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI
 - 13.3. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT WITH DENSITY > 117 PCF
 - 13.4. METAL STRUCTURE: STEEL 196A (0.04287), 39KSI OR ALUMINUM 6063-T5 0.048" THICK MINIMUM



- NOTES:
1. MAXIMUM TOP SASH SIZE: 49.063" X 37.188"; MAXIMUM BOTTOM SASH SIZE: 50" X 37"
 2. MAXIMUM TOP SASH D.L.O.: 45.563" X 33.375"; MAXIMUM BOTTOM SASH D.L.O.: 46.813" X 33.188"
 3. 0.938" X 0.25" WEEP HOLE AT 1" FROM EACH END OF EXTERIOR SILL FACE.
 4. 1.27" X 0.3" WEEP HOLE AT 3.625" FROM EACH END OF EXTERIOR SILL FACE.
 5. 0.375" X 0.375" WEEP HOLE AT EACH END OF INTERIOR SILL TRACK.

TABLE OF CONTENT	
SHEET	DESCRIPTION
1	ELEVATION, ANCHORING AND NOTES
2	INSTALLATION DETAILS
3	BILL OF MATERIALS

DESIGN PRESSURE RATING (PSF)	IMPACT RATING
+50.0/-50.0	NONE

PROJECT #418-1001

REGENCY PLUS, INC.
2000 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851

SERIES 8313 VINYL TILT DOUBLE HUNG WINDOW
ELEVATION, ANCHORING AND NOTES

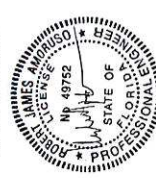
DATE: 11/14/18
DRAWN BY: RJA
SCALE: N.T.S.
SHEET: 1 OF 3
REV: RPLS0076

PTC
PREPARED BY: Robert J. Amoroso, P.E.
Florida P.E. No. 49752

STATE OF FLORIDA
JAMES A. AMOROSO
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Professional Engineer

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FBPE Certificate of Authorization
No. 25935



BILL OF MATERIALS

Series Tech 8313 Non-Impact Double Hung / Bill of Material			
Supplier	Part Numbers	Description	Quantity
Energy / Royal	IV White 1060 / 7720	Master Frame (H)	2
Energy / Royal	IV White 1060 / 7720	Master Frame (W)	2
Energy / Royal	IV White 1282 / 7750	Sash Frame (Operating Sash) / (H)	4
Energy / Royal	IV White 1282 / 7750	Sash Frame (Operating Sash) / (W)	4
Energy / Royal	IV White 1067 / 7745	Glazing Bead Stop (Operating Sashes) / (H)	4
Energy / Royal	IV White 1067 / 7745	Glazing Bead Stop (Operating Sashes) / (W)	4
Energy / Royal	IV White 1068 / 7747	Glazing Lift Rail Handle (Operating Sashes) / (W)	2
Energy / Royal	IV White 1073 / 7724	Pocket Cover Head / (W)	2
Energy / Royal	IV White 1078 / 7725	Sash Cover Head (Keeper Sash) / (W)	1
Energy / Royal	IV White 1180 / 7727	Interlock Cover (Operating Sashes) / (W)	1
Energy / Royal	IV White 1070 / 7736	Sash Stop Frame Cover / (H)	2
Energy / Royal	IV White 1070 / 7736	Sash Stop Frame Cover Head / (W)	2
Energy / Royal	IV White 1181 / 7738	Sloped Sill / (W)	1
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Pocket Cover (W) / 1073 / 7724 / Frame Head	1
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Pocket Cover (W) / 1181 / 7738 / Frame Sill	1
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Sash Frame (H) / 1282 / 7750 / Keeper Sash	4
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Sash Frame (W) / 1282 / 7750 / Lock Sash	4
Ultra-Fab	E20718WN2020	.200 x .340 H-Bulb Seal Sash Frame (W) / 1282 / 7750 / Lock Sash	1
Ultra-Fab	W23301NW0000	.187 x .300 Fin Seal Interlock Cover (W) / 1180 / 7727 / Keeper Sash	1
Ultra-Fab	W23301NW0000	.187 x .300 Fin Seal Interlock Cover (W) / 1180 / 7727 / Lock Sash	1
Shapes Unlimited	W112257W0000	270 x .220 Fin Seal Sash Frame (H) / Single Leg Screen Frame	3
Shapes Unlimited	06515NEW192	Double Leg Frame New White	1
Adapt	2584	Tension Springs	2
Phifer	3002606	Fiberglass Screen Cloth Charcoal / 60" x 96"	1
Imperial Plastic USA	EX-FLX-Q165-BK	Screen Spine (H / W)	4
Hygrade Metals	CK252X260	Aluminum Corner Keys	4
Hygrade Metals	ST-226-144-0.052	Operating Sash / (W-1) Lock Sash / Impact Lock Top / Heavy Rebar	1
Hygrade Metals	ST-187-144-0.032	Operating Sash / (W-1) Lock Sash / Bottom / Light Rebar	1

Series Tech 8313 Non-Impact Double Hung / Bill of Material			
Supplier	Part Numbers	Description	Quantity
Hygrade Metals	ST-226-144-0.052	Operating Sash / (W-1) Keeper Sash / Impact Lock Top / Heavy Rebar	1
Hygrade Metals	ST-187-144-0.032	Operating Sash / (W-1) Keeper Sash / Bottom / Light rebar	1
Product Design	H-884	Screen Clip Clear	2
Product Design	H-3150	Screen Clip Clear	2
Product Design	H-808WHZ	Weep Hole Cover White	2
RH Products	HH-66 Vinyl Cement	Interlock Cover (Operating Sash) / Lock Sash (W)	1
RH Products	HH-66 Vinyl Cement	Interlock Cover (Operating Sash) / Keeper Sash (W)	1
Anesbury / Truth	803827	27 lb. 3 Coil / 984 Series / Constant Force Balance	4
S.I.L. Plastic	00156-C001	Liftrail End Caps White	4
Smith Staple	BEA 8070	Stainless Steel Staples 3/8 x 1/2 Sash (W) (H)	20
Lindenmeyr	W0511022	30PP12-18P50-9/16 X1 3/8 X 3 Foam Block	2
Lametek	21300-00077	75 White Balance Plug	4
James Spring Wire	CS025	Hurricane Grade Spring	4
Novagard Silicones	02-40X0150010C2	Accessory Parts Installation Translucent	1
Vision Industries	1057A-003-EW	Hurricane Tilt Latch	4
Vision Industries	3220SS-003-EW	Safe Seal Lock	2
Vision Industries	8292A-003-EW	Safe Seal Keeper	2
Frank Lowe	2NB-8K-0.125-032-064	Pivot Bars / T-Shape Head	4
GLF Corporation	112003	Glass Setting Blocks Sash (W) Top / Sash (H)	12
GLF Corporation	137341	# 5/32" Tri-Rivet .040 / 275 Grip / Sash Pivot Bars	12
GLF Corporation	120376	# 8-18 x 0.850 Flat Wafer Shoulder / Sash / Hurricane Latch	4
GLF Corporation	116821	# 8 x 1 1/4" Tek White / Locks	4
GLF Corporation	117595	# 6 x 1" Tek White / Keepers	4
GLF Corporation	117595	# 6 x 5/8" Tek / Sash Rebar (H)	12
GLF Corporation	120766	# 6 x 5/8" Tek / Sash Rebar (W)	12
GLF Corporation	116506	# 8 x 3/4" Tek / Pan Head (Balance Shoes)	4
GLF Corporation	401168	# 5 x 3/8" Tek / Screen Clips White	4
Cardinal	Double Strength Tempered	# 12 x 3" Flat / Installation Screws	10
Cardinal	Double Strength Tempered	Operating Lock Sash / 3.1 T Q366 / 15.8 FED / 3.1 T	1
Cardinal	Double Strength Tempered	Operating Lock Keeper / 3.1 T Q366 / 15.8 FED / 3.1 T	1

PROJECT #418-1001

REGENCY PLUS, INC.
2000 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851

SERIES 8313 VINYL TILT DOUBLE HUNG WINDOW

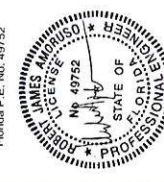
DATE: 11/14/18

SCALE: N.T.S.

REV: 3 OF 3



Robert J. Amoroso, P.E.
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Date: 2018.11.21
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