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	Plastpro	Swinging Doors Exterior	FL-16094.1
8. SLIDING			
C. SECTIONAL/ROLL UP			
D, OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	M	Single Hung Vinyl Windows	FL-17499
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	Hardie	Concrete Massani Sidina	FL-13192
B. SOFFITS	Halule	Concrete Masonry Siding	1 10102
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
1			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	Tamko	Architectural Shingles	FL-18355-R4
B. NON-STRUCT METAL	Tanko	Pricriticatural Shirigies	12 10000 114
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	Cimposs	Wood Connectors / Anchors	
B. WOOD CONNECTORS	Simpson	Wood Connectors / Anchors SP 4	40456.40
C. TRUSS PLATES			10456.43
D. INSULATION FORMS		HETA 16 LLSTA 24	11473.3
E. LINTELS		ABW 66Z	10852.4 10849.6
F. OTHERS		ABW 44Z	The second secon
r. OTHERS		7007 442	10849.6
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:

w

12

CH





## 5200 W. CENTURY BLVD. olastpro LOS ANGELES, CA 90045

# GLAZED FIBERGLASS SINGLE DOOR w/ or w/out SIDELITE(S Inswing / Outswing

### GENERAL NOTES

- This product anchoring drawing has been developed and is in compliance with the 6th Edition (2017) Florida Building Certificate for sizes, specifications and rating. Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ). See the Certification Agency
- Product anchors shall be as listed and spaced as shown on details, Anchor embedment to base material shall be When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an beyond wall dressing or stucco.
- Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1. When used in areas outside of the "HVHZ" requiring wind bome debris protection this product complies with impact resistant covering.
- For 2x stud construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- or registered architect Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer
- Outswing configurations utilizing the high dam stil (see Section 5/3), meet water infiltration requirements for "HVHZ". All other configurations do not meet the water infiltration requirements for the "HVHZ" and must be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees

CONFIGURATION

POSITIVE

NEGATIVE

+50.0 +50.0

XO/OX oxo

112.5" x 81.81" 75.0" x 81.81" 37.5" x 81.81"

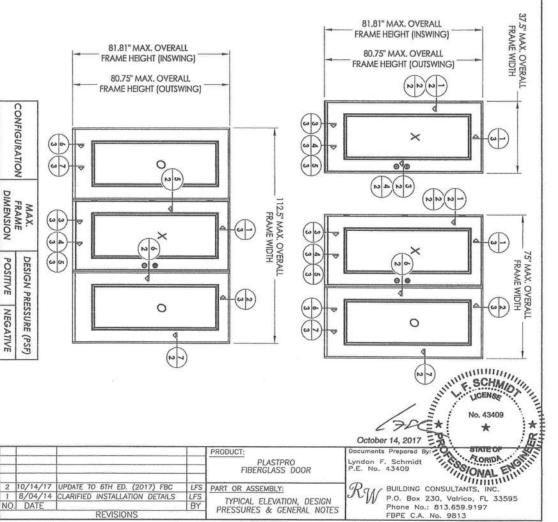
+50.0

-50.0 -50.0 -50.0

FL-16094.1

1 or 5

n	4	ယ	2	1	SHEET#	
Frame anchoring & glazing details	Buck anchoring & bill of materials	Vertical cross sections	Horizontal cross sections	Typical elevations, design pressures & general notes	DESCRIPTION	TABLE OF CONTENTS

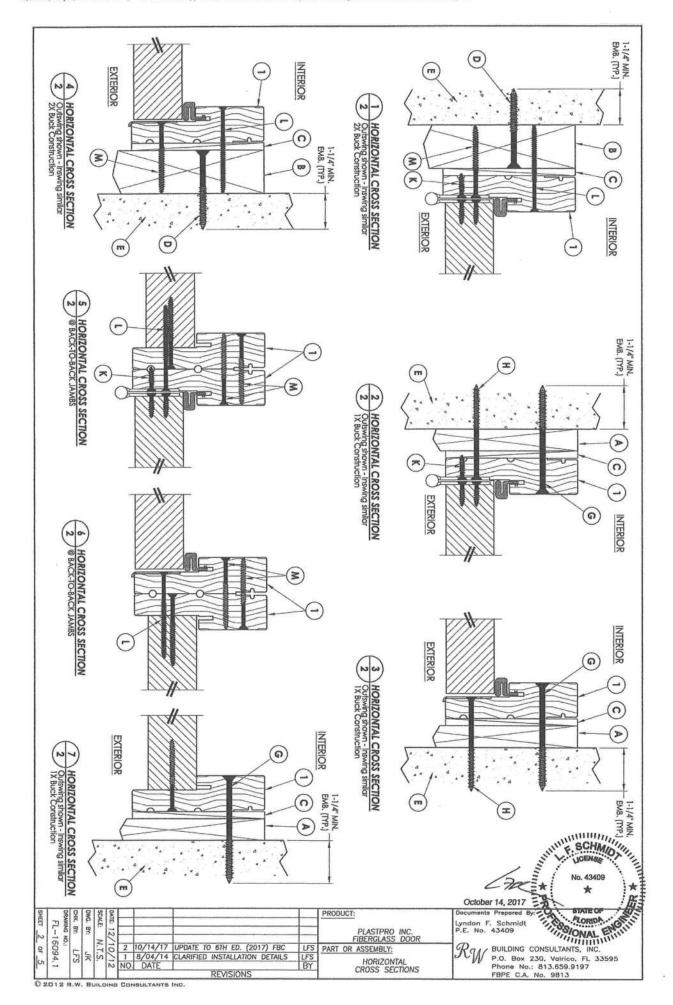


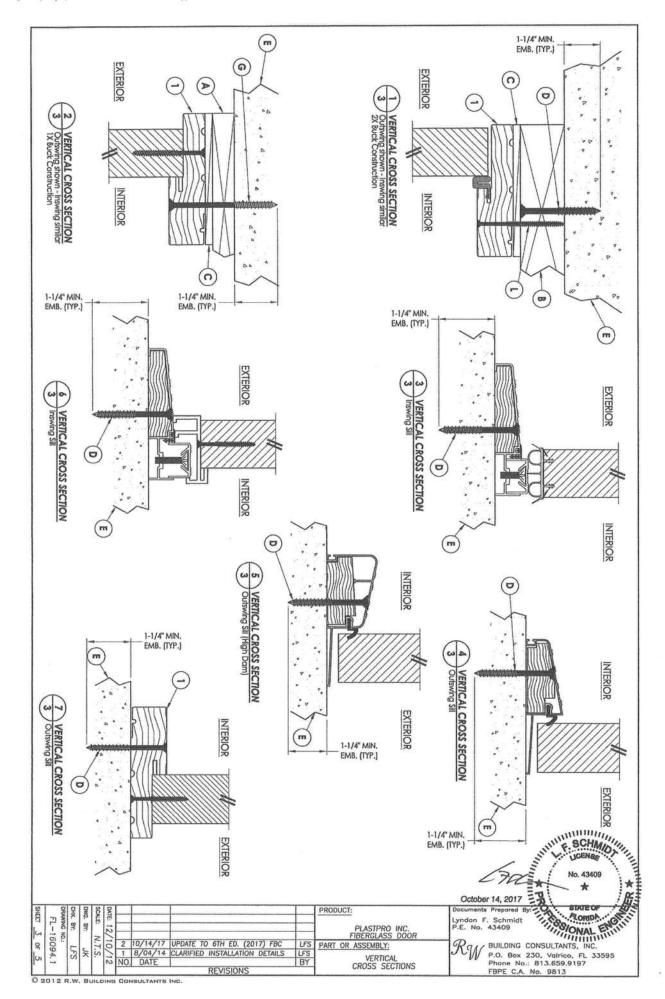
12/10/12

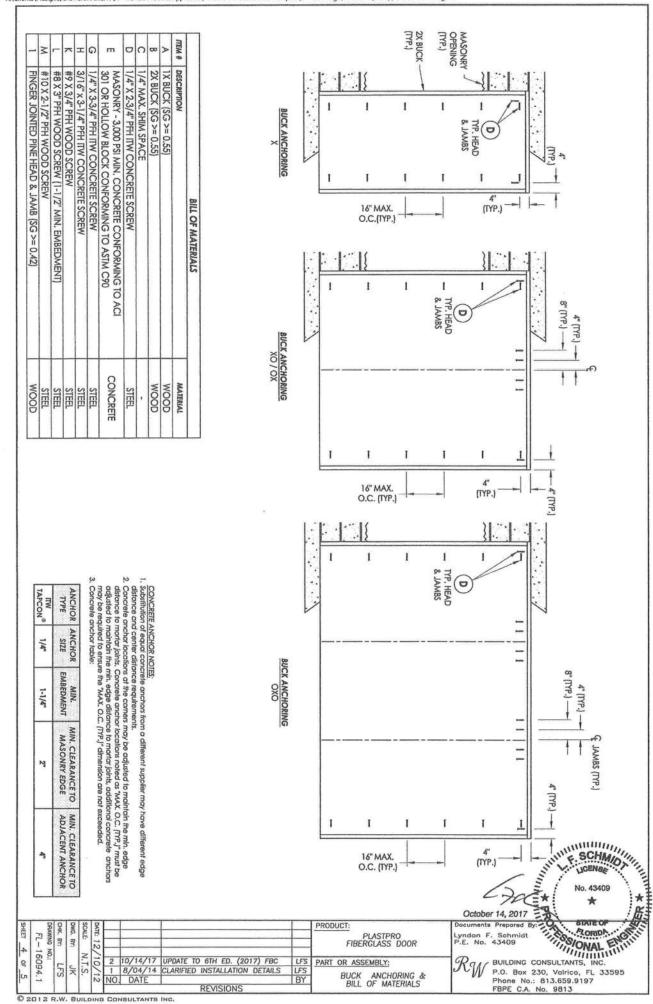
N.T.S.

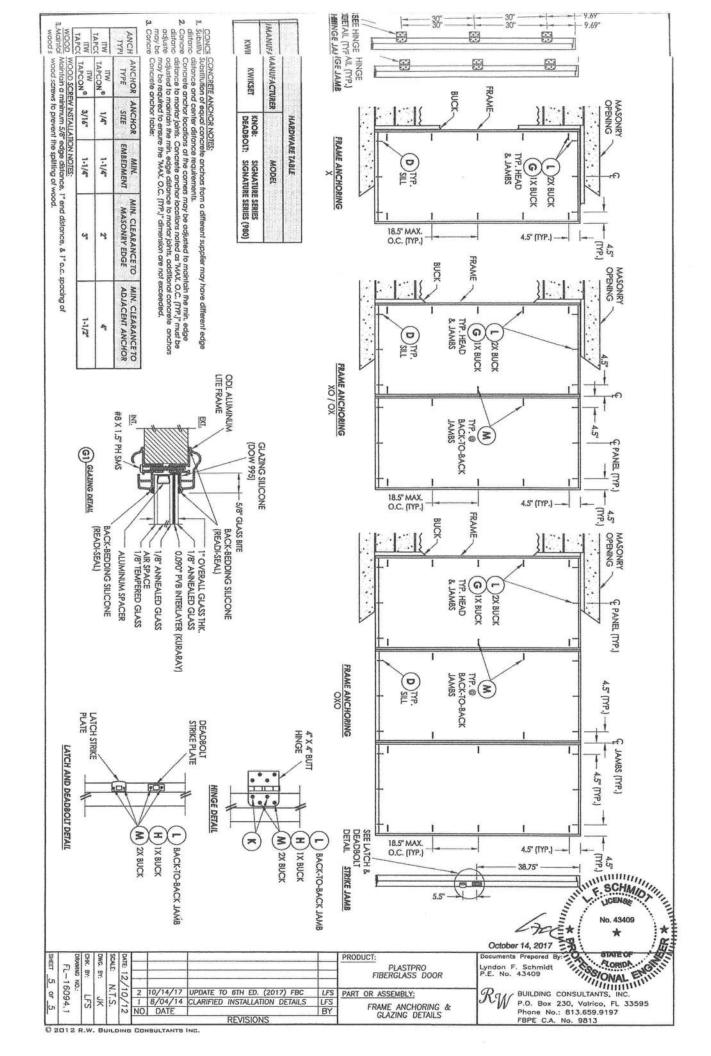
BY:

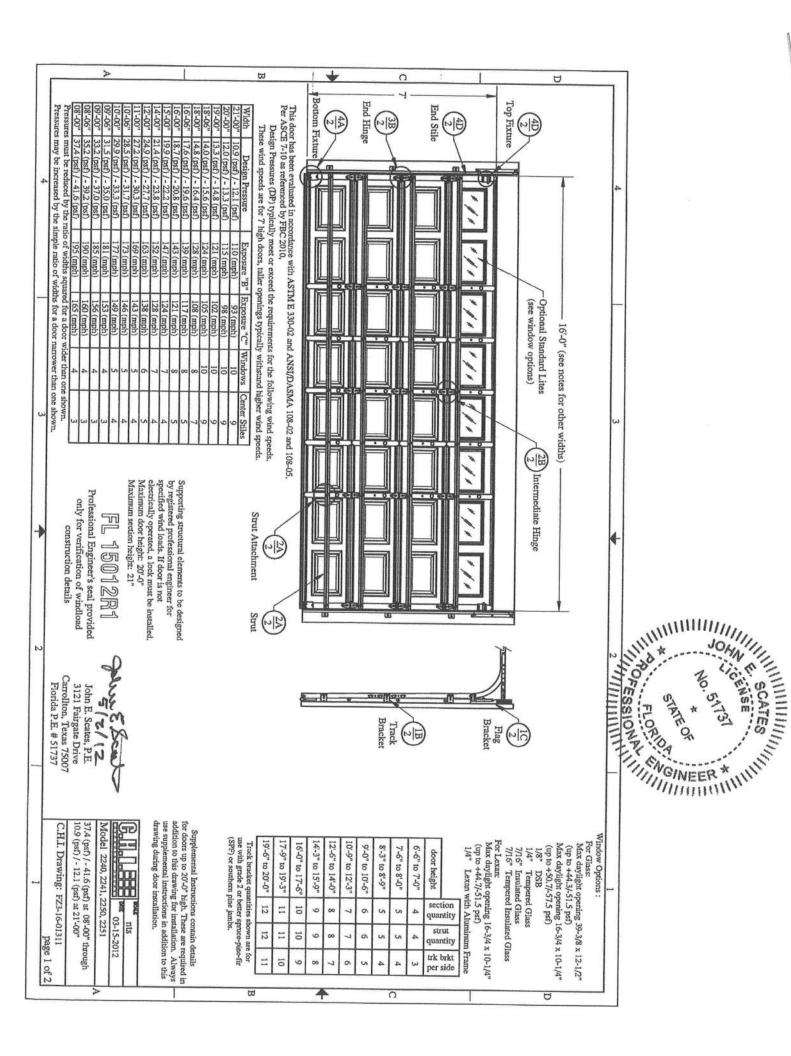
눇

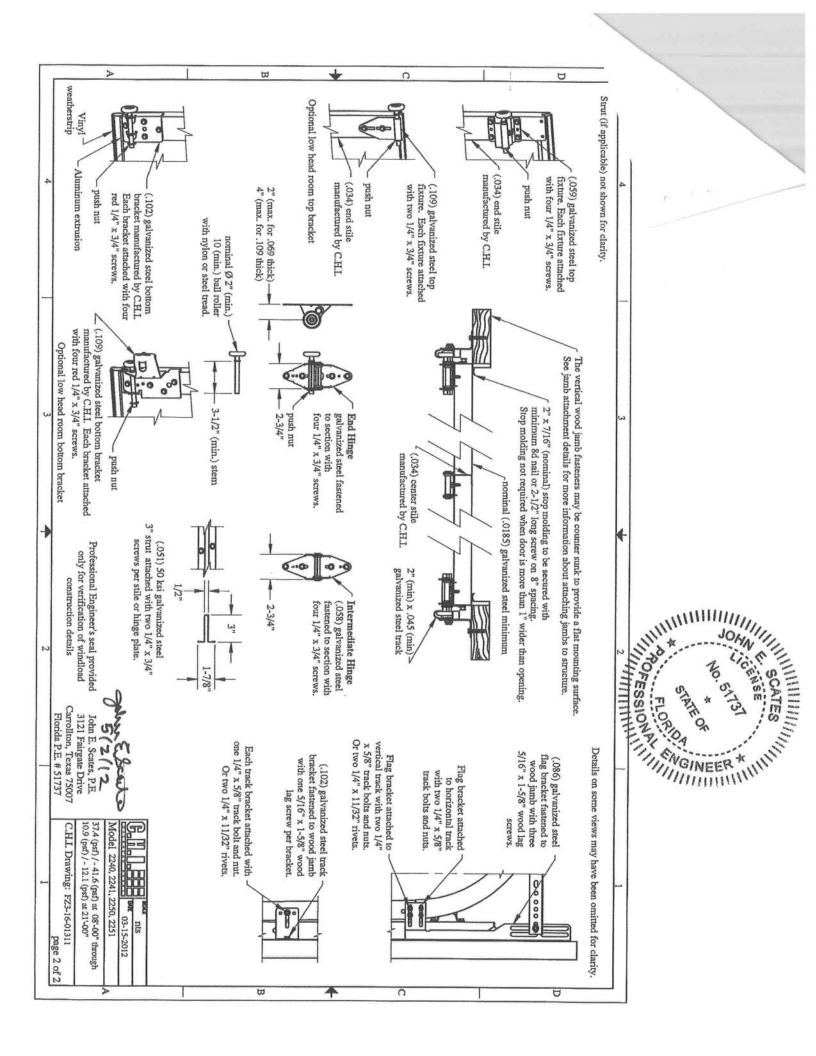


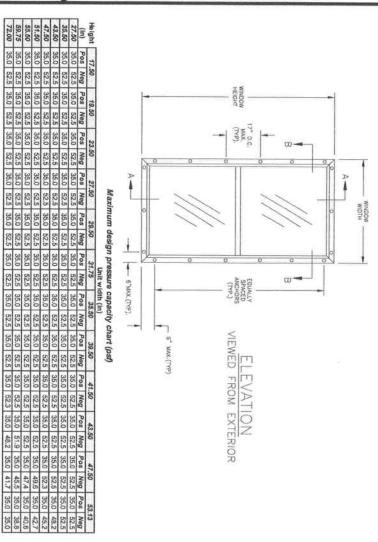












NOTES:

THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.

REV

DESCRIPTION

DATE

REVISIONS

REVISED PER 2007 FBC ADDED ANCHOR CHARTS

01/25/12 B/13/08

10/15/13

70 RL RL APPROVED

REVISED NAME

- OPENING TO BE DESIGNED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. OPENING DESIGN IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING STRUCTURAL INTEGRITY OF WINDOW OPENING AND ALL WOOD FRAMING AROUND WINDOW.
- WINDOW FRAME MATERIAL TO BE PVC.

4 3 2)

- ALL FASTENERS SHALL BE MADE OF CORROSION RESISTANT MATERIAL
- 6 S
- 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".

y

- 8 INSTALL UNITS IN SPRUCE PINE FIR OR BETTER USING 6d .120" DIAMETER NAIL OR #8 WOOD SCREWS LOCATE ANCHORS 6" FROM EACH CORNER AND 17" MAX O.C.THEREAFTER.
- APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN WIND BORNE DEBRIS
- CAULK BEHIND WINDOW FLANGE AT HEAD, SILL AND JAMBS.
- USE CAULK FOR PERIMETER SEAL AROUND EXTERIOR OF WINDOW
- 109 WHERE WATER RESISTANCE TEST REQUIREMENT OF 15% OF DESIGN LOAD APPLIES, POSITIVE DESIGN PRESSURE IS LIMITED TO 35PSF DUE TO WATER TEST PRESSURE OF 5.25PSF
- 13) 12) IF EXACT WINDOW SIZE IS NOT LISTED USE NEXT LARGER SIZE FOR THE APPROPRIATE DESIGN PRESSURE.

42.7 40.6 38.8 35.0

UNITS MUST BE GLAZED IN ACCORDANCE WITH ASTM E1300-04 AND MAY VARY DEPENDING UPON SIZE.

 17.50
 19.50
 23.50
 27.50
 28.50
 31.75
 35.50
 39.50
 41.80
 43.80
 47.50
 53.13

 H & S. Jamb H & S. Jamb

Number of anchors required. Units anchored using 6d nails

The second secon

NG8			1	NO	DWG NO.		DRAWN
CHART	PVC SH 72 ESURE	GULAR 1/8 X IIGN PR	53 DES	REC	A 7050 WINDOW ETAILS	RIES G	SERIES GA 7050 RECTANGULAR PVC SH TILT WINDOW - 53 1/8 X 72 INSTALLATION DETAILS AND DESIGN PRESURE CHART
		CARROLLTON, TX 75006	TX	TON,	ARROLL W	0	
n	MI WINDOWS AND DOORS LLC	DOOF	ō	A	SWO	WIND	3

	CORR	RT		
	111.	Willian .	* 11/1/	
,	113	Oout.		1/2
1111	NO.7	ATS	36	. P.
11111	ARO	Acm A	8251	
111	C	- Maria	A 3.	MI
	11/11	EER:	*******	11.

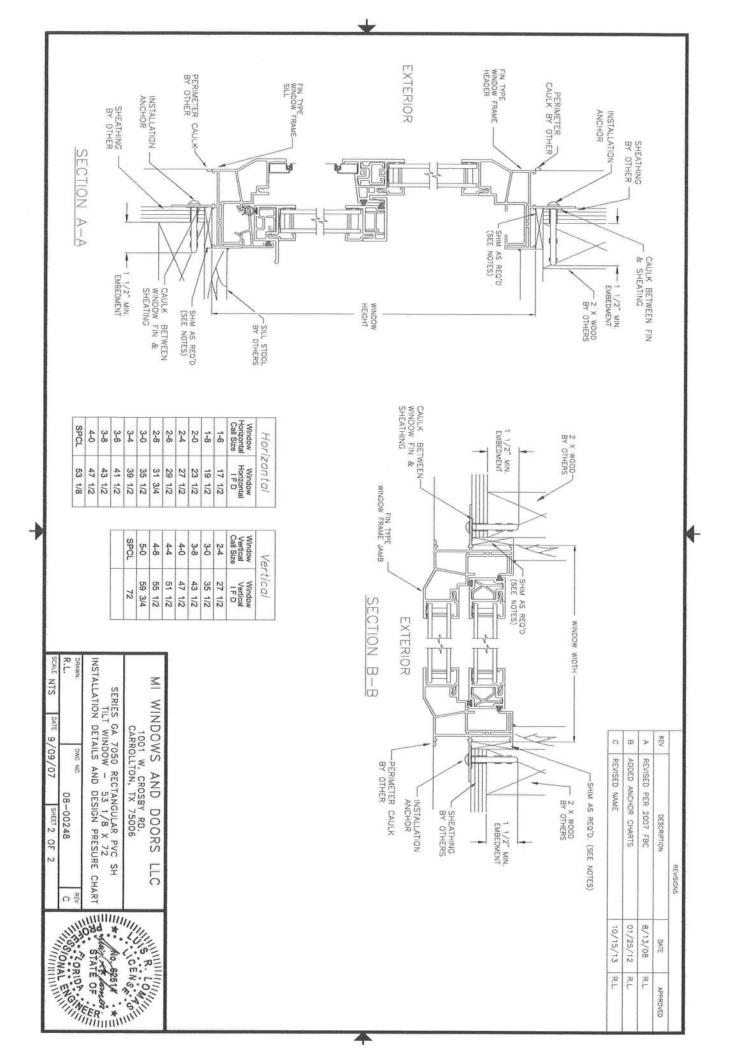
08-00248 SHEET 1 OF 2

-	55.50	51.50	47.50	43.50	35.50	27.50	(5)	Height	
	2	2	2	2	N	12	H & S Jamb H &	17	
	4	A	4	з	ω	2	Jamb	17.50	
	2	2	2	12	2	2	H&S	19	
	4	4	4	з	w	2	SJamb	19.50	
	2	23	2	2	12	22	H&S	23.50	
	4	4	4	ы	ω	2	H & S Jamb	50	mum
	2	2	2	2	2	2	70	27.50	Der o
	4	4	4	3	з	N	1 & S Jamb	50	ranci
	w	ω	а	ω	ω	ω	H & S Jamb	29.50	Number of anchors required. Units anchored with #8 wood screw.  Units width (in)
	4	4	4	ω	ω	N	Jamb	50	equin
	ω	w	з	ω	3	w	H&S	31.75	ed. 01
	4	4	4	w	ω	N	Jamb	75	Unit width
	ω	ω	3	3	3	з	H& SJ	35.50	dth (in)
	4	4	4	w	a	2	Jamb	50	ed wi
	ω	w	3	з	3	ω	HAS	39.50	5h #8
	4	4	4	ယ	3	2	Jamb	50	W000
	ω	ω	ω	ω	w	ω	H&S	41.50	SCFE
	4	4	4	w	3	2	Jamb	50	*
	w	w	3	w	3	w	H&S	43.50	
	4	4	4	w	ω	N	Jamb	50	
	4	4	4	A	4	4	lamb H & S Jamb H & S Jamb H & S Jamb H	47.50	
	4	4	4	ω	ω	2	Jamb	50	
	4	4	4	4	4	4	Qu	53.13	
100	4	4	4	ω	3	N	SJamb	13	

59.75 2

SCALE NTS

DATE 9/09/07



ry

·# )





### **Application Instructions for** Laminated asphalt shingles

Tuscaloosa, AL

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO BUILDING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS. FAILURE TO FOLLOW THESE INSTRUCTIONS WILL ADVERSELY AFFECT COVERAGE UNDER THE LIMITED WARRANTY. SEE THE LIMITED WARRANTY FOR DETAILS.

THIS PRODUCT IS COVERED BY A LIMITED WARRANTY, THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER.

IN COLD WEATHER (BELOW 40°F), CARE MUST BE TAKEN TO AVOID DAMAGE TO THE EDGES AND CORNERS OF THE SHINGLES.

IMPORTANT FASTENING INFORMATION: DO NOT PLACE FASTENERS ON OR ABOVE THE PAINT LINE ON THE SHINGLE. The paint line on the shingle is the upper-most edge of TAMKO's expanded Nail Zone. For complete details regarding TAMKO's expanded Nail Zone, see section 3 of these Application Instructions. Failure to follow fastening instructions, including but not limited to improper placement of fasteners on or above the paint line, will adversely affect coverage under TAMKO's applicable Limited Warranty. Avoid

**IMPORTANT:** It is not necessary to remove the plastic strip from the back of the shingles.

#### I. ROOF DECK

These shingles are for application to roof decks consisting of plywood or sheathing boards capable of receiving and retaining fasteners, and to inclines of not less than 2 in. per foot. For roofs having pitches 2 in. per foot to less than 4 in. per foot, refer to special instructions titled "Low Slope Application". For roofs having pitches greater than 21 in. per foot, refer to special instructions titled "Mansard Roof or Steep Slope Roof". Shingles must be applied properly. TAMKO assumes no responsibility for leaks or defects resulting from improper application, or failure to properly prepare the surface to be roofed over.

NEW ROOF DECK CONSTRUCTION: Roof deck must be smooth, dry and free from warped surfaces. It is recommended that metal drip edges be installed at eaves and rakes.

PLYWOOD: All plywood shall be exterior grade as defined by APA - The Engineered Wood Association. Plywood shall be a minimum of 3/8 in. thickness and applied in accordance with the recommendations of APA - The Engineered Wood Association.

SHEATHING BOARDS: Boards shall be well-seasoned tongueand-groove boards and not over 6 in. nominal width. Boards shall be a 1 in. nominal minimum thickness. Boards shall be properly

#### 2. VENTILATION

Inadequate ventilation of attic spaces can cause accumulation of moisture in winter months and a build up of heat in the summer.

- 1. Vapor Condensation
- 2. Buckling of shingles due to deck movement.
- 3. Rotting of wood members.
- 4. Premature failure of roof.

To insure adequate ventilation and circulation of air, the ventilation system must include inlets and outlets. This may be accomplished with a combination of ridge and soffit vents or by using gable end vents. FHA minimum property standards require one square foot of net free ventilation area to each 150 square feet of space to be vented. This may be reduced to one square foot of ventilation

area per 300 square feet if at least 40% and not more than 50% of venting is provided not more than 3 feet below the ridge or if a Class I or II vapor barrier is installed on the warm in winter side of the ceiling in climate zones 6, 7, and 8 as recommended by the 2012 International Residential Code. For more information consult your design professional. If the ventilation openings are screened, the total area should be doubled.

#### IT IS PARTICULARLY IMPORTANT TO PROVIDE ADEQUATE VENTILATION.

#### 3. FASTENERS

WIND CAUTION: Extreme wind velocities can damage these shingles after application when proper sealing of the shingles does not occur. This can especially be a problem if the shingles are applied in cooler months or in areas on the roof that do not receive direct sunlight. These conditions may impede the sealing of the adhesive strips on the shingles. The inability to seal down may be compounded by prolonged cold weather conditions and/or blowing dust. In these situations, hand sealing of the shingles is required. To insure immediate sealing, apply 4 quarter-sized dabs of TAM-PRO® Premium SBS Adhesive or TAMKO Tam-Seal Adhesive on the back of the shingle 1 in. (25mm) and 13 in. (330mm) in from each side and 1 in. (25mm) up from the bottom of the shingle. Press shingle firmly into the adhesive. For maximum wind resistance along rakes, install any TAMKO starter shingle including sealant or cement shingles to the underlayment and each other in a 4 in. (102mm) width of TAM-PRO SBS Adhesive or TAMKO Tam-Seal Adhesive, Caution: Apply ONLY a thin uniform layer of adhesive less than 1/8 in. (3mm) thick. Excessive amounts can cause blistering of the shingles and may soften the asphalt in certain underlayments resulting in the asphalt flowing, dripping and staining. Shingles must also be fastened according to the fastening instructions described below.

Correct placement of the fasteners is critical to the performance of the shingle. If the fasteners are not placed as shown in the diagram and described below, this will result in the termination of TAMKO's liabilities under the Limited Warranty. TAMKO will not be responsible for damage to shingles caused by winds in excess of the applicable mph as stated in the Limited Warranty. See Limited Warranty on the wrapper or tamko.com for details.

(Continued)

Visit Our Web Site at tamko.com

Central District Northeast District Southeast District Southwest District Western District

220 West 4th St., Joplin, MO 64801 4500 Tamko Dr., Frederick, MD 21701 2300 35th St., Tuscaloosa, AL 35401 7910 S. Central Exp., Dallas, TX 75216 5300 East 43rd Ave., Denver, CO 80216

800-641-4691 800-368-2055 800-228-2656 800-443-1834 800-530-8868

05/14