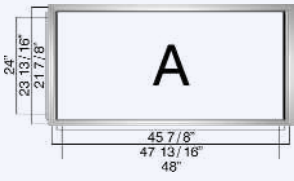
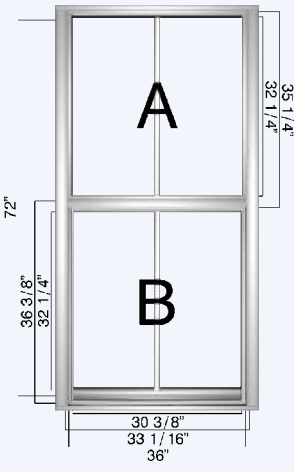
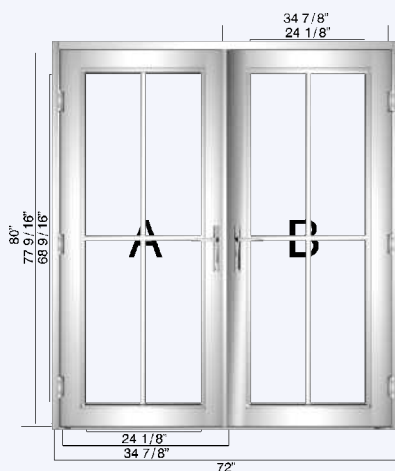


PROPOSAL NUMBER
996784
PROPOSAL NAME
DEL RIO 2
EXTERNAL PURCHASE ORDER ID

QUOTE ITEMS

LINE NUM	LINE NAME	ASSEMBLY SYSTEM	ASSEMBLY	TOTAL QUANTITY
1	PRIMARY BATH	ES-EL150 - FIXED WINDOW	O	1
 SIZE48" X 24" WEIGHT53.06 LBS (24.12 KG) AREA8.00 FT² FINISHAAMA 2604 BLACK GLASS5/32" CLEAR TMP SB70 + 5/16" ARGON MA BLACK SPACER + 5/32" CLEAR HS + 0.09 PVB CLEAR + 5/32" CLEAR HS MUNTINNO FRAME TYPEFLANGE PROTECTIVE FILMBOTH PRE-GLAZED?YES FBC CERTIFICATION INTERNAL PSF80.00 EXTERNAL PSF80.00 CODEFL 21461.1 NOA CERTIFICATION INTERNAL PSF80.00 EXTERNAL PSF80.00 CODE23-0714.17 NFRC CERTIFICATION U FACTOR0.46 SHGC0.25 VT0.53				
2	PRIMARY BEDRM	ES-EL100 - SINGLE HUNG	OX	1
 SIZE36" X 72" WEIGHT100.20 LBS (45.54 KG) AREA18.00 FT² FINISHAAMA 2604 BLACK GLASS1/8" CLEAR TMP SB70 + 3/8" ARGON MA BLACK SPACER + 1/8" CLEAR HS + 0.09 PVB CLEAR + 1/8" CLEAR HS SCREENYES MUNTINSYES SILL TYPESTANDARD FRAME TYPEFLANGE PANEL TYPEEQUAL LIMIT DEVICENO MEETING RAILSTANDARD PROTECTIVE FILMBOTH LOCKING MECHANISMSWEEP LOCK ELITE STANDARD (3033) PRE-GLAZED?YES FBC CERTIFICATION INTERNAL PSF80.00 EXTERNAL PSF60.00 CODEFL 22250.1 NOA CERTIFICATION INTERNAL PSF80.00 EXTERNAL PSF60.00 CODE23-0913.06 NFRC CERTIFICATION U FACTOR0.60 SHGC0.22 VT0.46 MUNTIN DETAILS PANELA, B PATTERNGRID LITES ACROSS2 LITES DOWN1 INTERNAL STYLE EXTERNAL STYLE GRILLES BETWEEN THE GLASSYES				

ES-EL300 - SWING
DOORDOUBLE
LEAF 1

SIZE	72" X 80"
WEIGHT	282.55 LBS (128.43 KG)
AREA	40.00 FT ²
FINISH	AAMA 2604 BLACK
GLASS	1/4" CLEAR TMP SB70 + 3/8" ARGON MA BLACK SPACER + 1/8" CLEAR HS + 0.09 PVB CLEAR + 3/16" CLEAR HS
MUNTINS	YES
OPENING	LEFT OPENING (XX-LA)
LOCATION	SINGLE
EDGE DRIP	NO
LOCK TYPE	ALIKE
SILL TYPE	STANDARD
FRAME TYPE	ES-EL300
HINGE TYPE	HINGE
PANEL TYPE	EQUAL
SILL COLOR	QUOTED PAINT FINISH
BOTTOM TYPE	STANDARD
CUSTOM PANELS	NO
LOCK MECHANISM	THREE POINT LOCK HANDLE ARIA STANDARD COLOR WITH DUMMY HANDLE
PROTECTIVE FILM	BOTH
GLASS COVER TYPE	STANDARD
DECORATIVE MUNTINS	NO
PRE-GLAZED?	YES

FBC CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	80.00
CODE	FL22551.1

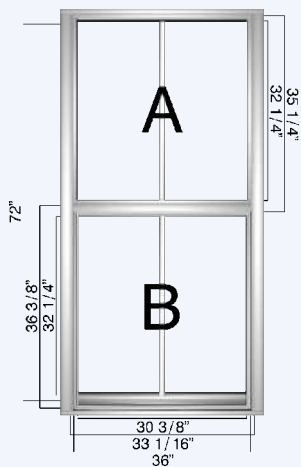
NOA CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	80.00
CODE	23-0714.10

NFRC CERTIFICATION		
U FACTOR	SHGC	VT
0.68	0.19	0.35

MUNTIN DETAILS		
PANEL		A, B
PATTERN		GRID
LITES ACROSS		2
LITES DOWN		2
INTERNAL STYLE		
EXTERNAL STYLE		
GRILLES BETWEEN THE GLASS	YES	

ES-EL100 - SINGLE
HUNG

OX 1



SIZE	36" X 72"
WEIGHT	100.20 LBS (45.54 KG)
AREA	18.00 FT ²
FINISH	AAMA 2604 BLACK
GLASS	1/8" CLEAR TMP SB70 + 3/8" ARGON MA BLACK SPACER + 1/8" CLEAR HS + 0.09 PVB CLEAR + 1/8" CLEAR HS
SCREEN	YES
MUNTINS	YES
SILL TYPE	STANDARD
FRAME TYPE	FLANGE
PANEL TYPE	EQUAL
LIMIT DEVICE	NO
MEETING RAIL	STANDARD
PROTECTIVE FILM	BOTH
LOCKING MECHANISM	SWEET LOCK ELITE STANDARD (3033)
PRE-GLAZED?	YES

FBC CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	FL 22250.1

NOA CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	23-0913.06

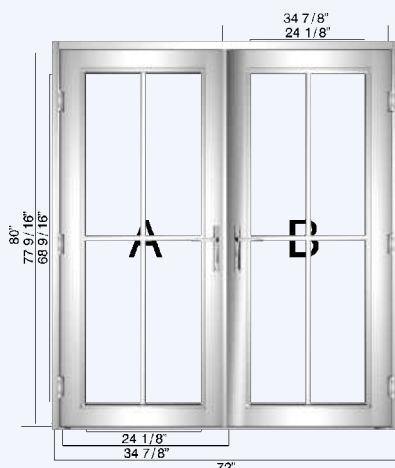
NFRC CERTIFICATION		
U FACTOR	SHGC	VT
0.60	0.22	0.46

MUNTIN DETAILS		
PANEL		A, B
PATTERN		GRID
LITES ACROSS		2
LITES DOWN		1
INTERNAL STYLE		
EXTERNAL STYLE		
GRILLES BETWEEN THE GLASS	YES	

5 LIVING RM

ES-EL300 - SWING
DOOR

DOUBLE
LEAF 1



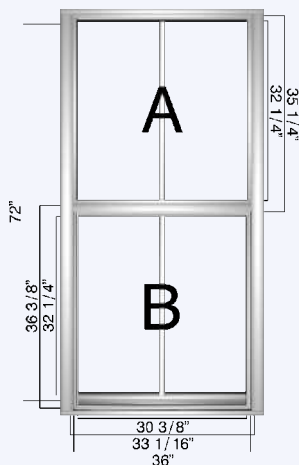
SIZE	72" X 80"
WEIGHT	282.55 LBS (128.43 KG)
AREA	40.00 FT ²
FINISH	AAMA 2604 BLACK
GLASS	1/4" CLEAR TMP SB70 + 3/8" ARGON MA BLACK SPACER + 1/8" CLEAR HS + 0.09 PVB CLEAR + 3/16" CLEAR HS
MUNTINS	YES
OPENING	RIGHT OPENING (XX-RA)
LOCATION	SINGLE
EDGE DRIP	NO
LOCK TYPE	ALIKE
SILL TYPE	STANDARD
FRAME TYPE	ES-EL300
HINGE TYPE	HINGE
PANEL TYPE	EQUAL
SILL COLOR	QUOTED PAINT FINISH
BOTTOM TYPE	STANDARD
CUSTOM	NO
PANELS	NO
LOCK	THREE POINT LOCK HANDLE ARIA
MECHANISM	STANDARD COLOR WITH DUMMY HANDLE
PROTECTIVE	BOTH
FILM	
GLASS COVER	STANDARD
TYPE	
DECORATIVE	NO
MUNTINS	
PRE-GLAZED?	YES

FBC CERTIFICATION		
INTERNAL PSF	EXTERNAL PSF	
80.00	80.00	
CODE	FL22551.1	
NOA CERTIFICATION		
INTERNAL PSF	EXTERNAL PSF	
80.00	80.00	
CODE	23-0714.10	
NFRC CERTIFICATION		
U FACTOR	SHGC	VT
0.68	0.19	0.35
MUNTIN DETAILS		
PANEL	A, B	
PATTERN	GRID	
LITES ACROSS	2	
LITES DOWN	2	
INTERNAL STYLE		
EXTERNAL STYLE		
GRILLES BETWEEN THE GLASS	YES	

6 LIVING AREA

ES-EL100 - SINGLE
HUNG

OX 3



SIZE	36" X 72"
WEIGHT	100.20 LBS (45.54 KG)
AREA	18.00 FT ²
FINISH	AAMA 2604 BLACK
GLASS	1/8" CLEAR TMP SB70 + 3/8" ARGON MA BLACK SPACER + 1/8" CLEAR HS + 0.09 PVB CLEAR + 1/8" CLEAR HS
SCREEN	YES
MUNTINS	YES
SILL TYPE	STANDARD
FRAME TYPE	FLANGE
PANEL TYPE	EQUAL
LIMIT DEVICE	NO
MEETING RAIL	STANDARD
PROTECTIVE	BOTH
FILM	
LOCKING	SWEET LOCK ELITE STANDARD
MECHANISM	(3033)
PRE-GLAZED?	YES

FBC CERTIFICATION		
INTERNAL PSF	EXTERNAL PSF	
80.00	60.00	
CODE	FL 22250.1	
NOA CERTIFICATION		
INTERNAL PSF	EXTERNAL PSF	
80.00	60.00	
CODE	23-0913.06	
NFRC CERTIFICATION		
U FACTOR	SHGC	VT
0.60	0.22	0.46
MUNTIN DETAILS		
PANEL	A, B	
PATTERN	GRID	
LITES ACROSS	2	
LITES DOWN	1	
INTERNAL STYLE		
EXTERNAL STYLE		
GRILLES BETWEEN THE GLASS	YES	

7 LIVING AREA MULL BARS

MULLION

1 X 3
REINFORCED 2

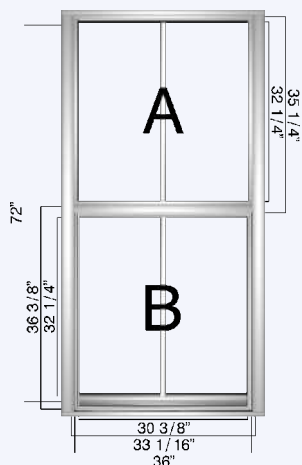


SIZE	1" X 71"
WEIGHT	9.54 LBS (4.34 KG)
AREA	0.49 FT ²
FINISH	AAMA 2604 BLACK
GLASS	
ANCHOR	STANDARD
MULLION	3 X 1 CUSTOME
TYPE	
PRE-GLAZED?	NO

ES-EL100 - SINGLE
HUNG

OX

2



SIZE	36" X 72"
WEIGHT	100.20 LBS (45.54 KG)
AREA	18.00 FT ²
FINISH	AAMA 2604 BLACK
GLASS	1/8" CLEAR TMP SB70 + 3/8" ARGON MA BLACK SPACER + 1/8" CLEAR HS + 0.09 PVB CLEAR + 1/8" CLEAR HS
SCREEN	YES
MUNTINS	YES
SILL TYPE	STANDARD
FRAME TYPE	FLANGE
PANEL TYPE	EQUAL
LIMIT DEVICE	NO
MEETING RAIL	STANDARD
PROTECTIVE FILM	BOTH
LOCKING MECHANISM	SWEEP LOCK ELITE STANDARD (3033)
PRE-GLAZED?	YES

FBC CERTIFICATION

INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	FL 22250.1

NOA CERTIFICATION

INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	23-0913.06

NFRC CERTIFICATION

U FACTOR	SHGC	VT
0.60	0.22	0.46

MUNTIN DETAILS

PANEL	A, B
PATTERN	GRID
LITES ACROSS	2
LITES DOWN	1
INTERNAL STYLE	
EXTERNAL STYLE	
GRILLES BETWEEN THE GLASS	YES

MULLION

1 X 3

1

REINFORCED

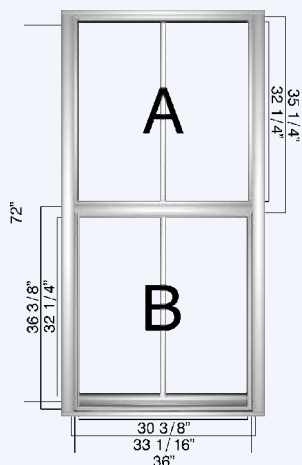


SIZE	1" X 71"
WEIGHT	9.54 LBS (4.34 KG)
AREA	0.49 FT ²
FINISH	AAMA 2604 BLACK
GLASS	
ANCHOR	STANDARD
MULLION TYPE	3 X 1 CUSTOME
PRE-GLAZED?	NO

ES-EL100 - SINGLE
HUNG

OX

2



SIZE	36" X 72"
WEIGHT	100.20 LBS (45.54 KG)
AREA	18.00 FT ²
FINISH	AAMA 2604 BLACK
GLASS	1/8" CLEAR TMP SB70 + 3/8" ARGON MA BLACK SPACER + 1/8" CLEAR HS + 0.09 PVB CLEAR + 1/8" CLEAR HS
SCREEN	YES
MUNTINS	YES
SILL TYPE	STANDARD
FRAME TYPE	FLANGE
PANEL TYPE	EQUAL
LIMIT DEVICE	NO
MEETING RAIL	STANDARD
PROTECTIVE FILM	BOTH
LOCKING MECHANISM	SWEEP LOCK ELITE STANDARD (3033)
PRE-GLAZED?	YES

FBC CERTIFICATION

INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	FL 22250.1

NOA CERTIFICATION

INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	23-0913.06

NFRC CERTIFICATION

U FACTOR	SHGC	VT
0.60	0.22	0.46

MUNTIN DETAILS

PANEL	A, B
PATTERN	GRID
LITES ACROSS	2
LITES DOWN	1
INTERNAL STYLE	
EXTERNAL STYLE	
GRILLES BETWEEN THE GLASS	YES

11 LIVING AREA MULL BAR

MULLION

1 X 3 1
REINFORCED

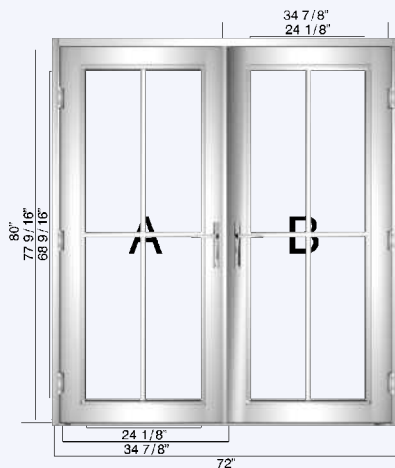


SIZE	1" X 71"
WEIGHT	9.54 LBS (4.34 KG)
AREA	0.49 FT ²
FINISH	AAMA 2604 BLACK
GLASS	
ANCHOR	STANDARD
MULLION TYPE	3 X 1 CUSTOME
PRE-GLAZED?	NO

12 KITCHEN

ES-EL300 - SWING DOOR

DOUBLE LEAF 1



SIZE	72" X 80"
WEIGHT	282.55 LBS (128.43 KG)
AREA	40.00 FT ²
FINISH	AAMA 2604 BLACK
GLASS	1/4" CLEAR TMP SB70 + 3/8" ARGON MA BLACK SPACER + 1/8" CLEAR HS + 0.09 PVB CLEAR + 3/16" CLEAR HS
MUNTINS	YES
OPENING	RIGHT OPENING (XX-RA)
LOCATION	SINGLE
EDGE DRIP	NO
LOCK TYPE	ALIKE
SILL TYPE	STANDARD
FRAME TYPE	ES-EL300
HINGE TYPE	HINGE
PANEL TYPE	EQUAL
SILL COLOR	QUOTED PAINT FINISH
BOTTOM TYPE	STANDARD
CUSTOM PANELS	NO
LOCK MECHANISM	THREE POINT LOCK HANDLE ARIA STANDARD COLOR WITH DUMMY HANDLE
PROTECTIVE FILM	BOTH
GLASS COVER TYPE	STANDARD
DECORATIVE MUNTINS	NO
PRE-GLAZED?	YES

FBC CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	80.00
CODE	FL22551.1

NOA CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	80.00
CODE	23-0714.10

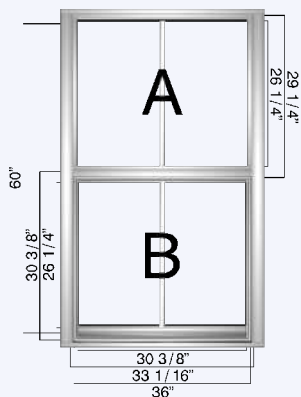
NFRC CERTIFICATION		
U FACTOR	SHGC	VT
0.68	0.19	0.35

MUNTIN DETAILS	
PANEL	A, B
PATTERN	GRID
LITES ACROSS	2
LITES DOWN	2
INTERNAL STYLE	
EXTERNAL STYLE	
GRILLES BETWEEN THE GLASS	YES

13 KITCHEN

ES-EL100 - SINGLE HUNG

OX 2



SIZE	36" X 60"
WEIGHT	83.88 LBS (38.13 KG)
AREA	15.00 FT ²
FINISH	AAMA 2604 BLACK
GLASS	1/8" CLEAR TMP SB70 + 3/8" ARGON MA BLACK SPACER + 1/8" CLEAR HS + 0.09 PVB CLEAR + 1/8" CLEAR HS
SCREEN	YES
MUNTINS	YES
SILL TYPE	STANDARD
FRAME TYPE	FLANGE
PANEL TYPE	EQUAL
LIMIT DEVICE	NO
MEETING RAIL	STANDARD
PROTECTIVE FILM	BOTH
LOCKING MECHANISM	SWEEP LOCK ELITE STANDARD (3033)
PRE-GLAZED?	YES

FBC CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	FL 22250.1

NOA CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	23-0913.06

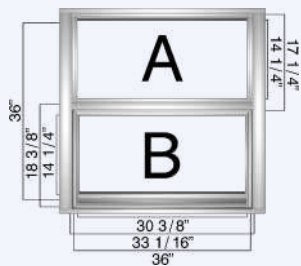
NFRC CERTIFICATION		
U FACTOR	SHGC	VT
0.60	0.22	0.46

MUNTIN DETAILS	
PANEL	A, B
PATTERN	GRID
LITES ACROSS	2
LITES DOWN	1
INTERNAL STYLE	
EXTERNAL STYLE	
GRILLES BETWEEN THE GLASS	YES

ES-EL100 - SINGLE
HUNG

OX

1



SIZE	36" X 36"
WEIGHT	51.24 LBS (23.29 KG)
AREA	9.00 FT ²
FINISH	AAMA 2604 BLACK
GLASS	1/8" CLEAR TMP SB70 + 3/8" ARGON MA BLACK SPACER + 1/8" CLEAR HS + 0.09 PVB CLEAR + 1/8" CLEAR HS
SCREEN	YES
MUNTINS	NO
SILL TYPE	STANDARD
FRAME TYPE	FLANGE
PANEL TYPE	EQUAL
LIMIT DEVICE	NO
MEETING RAIL	STANDARD
PROTECTIVE FILM	BOTH
LOCKING MECHANISM	SWEEP LOCK ELITE STANDARD (3033)
PRE-GLAZED?	YES

FBC CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	FL 22250.1

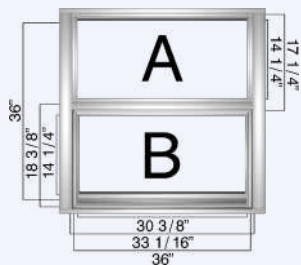
NOA CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	23-0913.06

NFRC CERTIFICATION		
U FACTOR	SHGC	VT
0.60	0.22	0.46

ES-EL100 - SINGLE
HUNG

OX

1



SIZE	36" X 36"
WEIGHT	51.24 LBS (23.29 KG)
AREA	9.00 FT ²
FINISH	AAMA 2604 BLACK
GLASS	1/8" CLEAR TMP SB70 + 3/8" ARGON MA BLACK SPACER + 1/8" CLEAR HS + 0.09 PVB CLEAR + 1/8" CLEAR HS
SCREEN	YES
MUNTINS	NO
SILL TYPE	STANDARD
FRAME TYPE	FLANGE
PANEL TYPE	EQUAL
LIMIT DEVICE	NO
MEETING RAIL	STANDARD
PROTECTIVE FILM	BOTH
LOCKING MECHANISM	SWEEP LOCK ELITE STANDARD (3033)
PRE-GLAZED?	YES

FBC CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	FL 22250.1

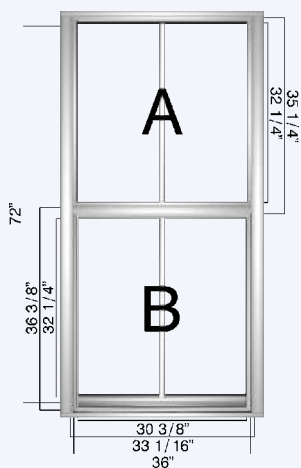
NOA CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	23-0913.06

NFRC CERTIFICATION		
U FACTOR	SHGC	VT
0.60	0.22	0.46

ES-EL100 - SINGLE
HUNG

OX

2



SIZE	36" X 72"
WEIGHT	100.20 LBS (45.54 KG)
AREA	18.00 FT ²
FINISH	AAMA 2604 BLACK
GLASS	1/8" CLEAR TMP SB70 + 3/8" ARGON MA BLACK SPACER + 1/8" CLEAR HS + 0.09 PVB CLEAR + 1/8" CLEAR HS
SCREEN	YES
MUNTINS	YES
SILL TYPE	STANDARD
FRAME TYPE	FLANGE
PANEL TYPE	EQUAL
LIMIT DEVICE	NO
MEETING RAIL	STANDARD
PROTECTIVE FILM	BOTH
LOCKING MECHANISM	SWEEP LOCK ELITE STANDARD (3033)
PRE-GLAZED?	YES

FBC CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	FL 22250.1

NOA CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	23-0913.06

NFRC CERTIFICATION		
U FACTOR	SHGC	VT
0.60	0.22	0.46

MUNTIN DETAILS	
PANEL	A, B
PATTERN	GRID
LITES ACROSS	2
LITES DOWN	1
INTERNAL STYLE	
EXTERNAL STYLE	
GRILLES BETWEEN THE GLASS	YES

17 BEDRM #1 MULL BARS

MULLION

1 X 3
REINFORCED

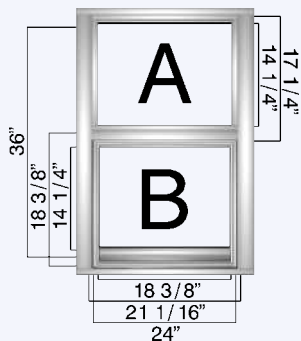


SIZE	1" X 71"
WEIGHT	9.54 LBS (4.34 KG)
AREA	0.49 FT ²
FINISH	AAMA 2604 BLACK
GLASS	
ANCHOR	STANDARD
MULLION	
TYPE	3 X 1 CUSTOME
PRE-GLAZED?	NO

18 BATH #1

ES-EL100 - SINGLE
HUNG

OX 1



SIZE	24" X 36"
WEIGHT	34.27 LBS (15.58 KG)
AREA	6.00 FT ²
FINISH	AAMA 2604 BLACK
GLASS	1/8" CLEAR TMP SB70 + 3/8" AIR MA BLACK SPACER + 1/8" CLEAR HS + 0.09 PVB CLEAR + 1/8" CLEAR HS
SCREEN	YES
MUNTINS	NO
SILL TYPE	STANDARD
FRAME TYPE	FLANGE
PANEL TYPE	EQUAL
LIMIT DEVICE	NO
MEETING RAIL	STANDARD
PROTECTIVE FILM	BOTH
LOCKING MECHANISM	SWEEP LOCK ELITE STANDARD (3033)
PRE-GLAZED?	YES

FBC CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	FL 22250.1

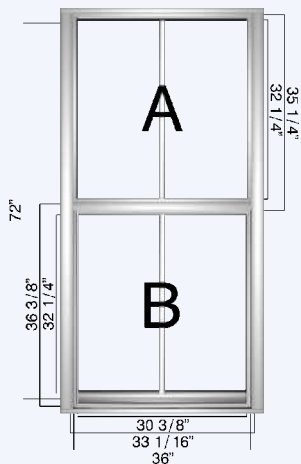
NOA CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	23-0913.06

NFRC CERTIFICATION		
U FACTOR	SHGC	VT
0.63	0.23	0.46

19 BEDRM #2

ES-EL100 - SINGLE
HUNG

OX 2



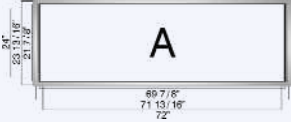
SIZE	36" X 72"
WEIGHT	100.20 LBS (45.54 KG)
AREA	18.00 FT ²
FINISH	AAMA 2604 BLACK
GLASS	1/8" CLEAR TMP SB70 + 3/8" ARGON MA BLACK SPACER + 1/8" CLEAR HS + 0.09 PVB CLEAR + 1/8" CLEAR HS
SCREEN	YES
MUNTINS	YES
SILL TYPE	STANDARD
FRAME TYPE	FLANGE
PANEL TYPE	EQUAL
LIMIT DEVICE	NO
MEETING RAIL	STANDARD
PROTECTIVE FILM	BOTH
LOCKING MECHANISM	SWEEP LOCK ELITE STANDARD (3033)
PRE-GLAZED?	YES

FBC CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	FL 22250.1

NOA CERTIFICATION	
INTERNAL PSF	EXTERNAL PSF
80.00	60.00
CODE	23-0913.06

NFRC CERTIFICATION		
U FACTOR	SHGC	VT
0.60	0.22	0.46

MUNTIN DETAILS	
PANEL	A, B
PATTERN	GRID
LITES ACROSS	2
LITES DOWN	1
INTERNAL STYLE	
EXTERNAL STYLE	
GRILLES BETWEEN THE GLASS	YES

20	BEDRM #2 MULL BAR	MULLION	1 X 3 REINFORCED	1
		SIZE 1" X 71" WEIGHT 9.54 LBS (4.34 KG) AREA 0.49 FT ² FINISH AAMA 2604 BLACK GLASS ANCHOR STANDARD MULLION TYPE 3 X 1 CUSTOME PRE-GLAZED? NO		
21	CONFIRM FIXED WINDOWS	ES-EL150 - FIXED WINDOW	O	8
		SIZE 72" X 24" WEIGHT 79.56 LBS (36.17 KG) AREA 12.00 FT ² FINISH AAMA 2604 BLACK GLASS 5/32" CLEAR TMP SB70 + 5/16" ARGON MA BLACK SPACER + 5/32" CLEAR HS + 0.09 PVB CLEAR + 5/32" CLEAR HS MUNTIN NO FRAME TYPE FLANGE PROTECTIVE FILM BOTH PRE-GLAZED? YES	NOA CERTIFICATION INTERNAL PSF 80.00 EXTERNAL PSF 80.00 CODE 23-0714.17 NFRC CERTIFICATION U FACTOR 0.46 SHGC 0.25 VT 0.53	

QUOTE SUMMARY

ASSEMBLY SYSTEM	TOTAL QUANTITY	TOTAL AREA (SQ FT)
ES-EL100 - SINGLE HUNG	18	288.00
ES-EL150 - FIXED WINDOW	9	104.00
ES-EL300 - SWING DOOR	3	120.00
MULLION	6	2.96
TOTAL	36	514.96

Product Totals

PRODUCT TOTAL	\$29,711.70
TAX AMOUNT	\$1,832.70
Terms and Services	
TOTAL	\$31,544.40

UPON FINAL APPROVAL CUSTOMER WILL BE RESPONSIBLE FOR ANY ERRORS. NO MATERIALS SHALL BE ORDERED WITH VERBAL APPROVAL. MATERIALS NOT DELIVERED WITHIN 2 WEEKS OF ORIGINAL SCHEDULED DATE WILL BE INVOICED.

*****ALL QUOTES ARE VALID FOR 14 DAYS. ALL ORDERS ARE SUBJECT TO SURCHARGE AT TIME OF INVOICING.

APPROVED BY:_____ DATE:_____

DELIVERY ADDRESS:_____

REQUESTED DELIVERY DATE:_____



Product Evaluation Report
TRI COUNTY METALS

26 Ga. PBR Wall Panel over open framing

Florida Product Approval # 9901.1 R4

Florida Building Code 2020

Per Rule 61G20-3

Method: 2 –B

Category: Structural Components

Subcategory: Structural Wall

Compliance Method: 61G20-3.005(2)(B)

NON HVHZ

Product Manufacturer:

Tri County Metals

301 SE 16th Street

Trenton, Florida 32693

Engineer Evaluator:

Johnathan Green, P.E. #88223

Florida Evaluation ANE ID: 12901

Validator:

Brian Jaks P.E. #70159

Contents:

Evaluation Report Pages 1 – 4



Compliance Statement: The product as described in this report has demonstrated compliance with the Florida Building Code 2020, Sections 1709.2.

Product Description: PBR Wall Panel, 26 Ga. Steel, 36" Wide, through fastened structural wall panel. Structural Application.

Panel Material/Standards: Material: 26 Ga. Steel, panel material shall comply with Florida Building Code 2020 Section 1405.2.
 Yield Strength: Min. 50.0 ksi

Panel Dimension(s): Thickness: 0.0185" min.
 Width: 36" maximum coverage
 Rib Height: 1-1/4" major rib at 12" O.C.

Panel Fastener: #12-14 x 1-1/4" HWH SD with sealing washing or approved equal at 12"-12"-12" fastener pattern. Panel side laps fastened together w/ 1/4"-14 x 7/8" HWH SD w/ sealer washer at 20" O.C.
 Corrosion Resistance: Per Florida Building Code 2020.

Substrate Description: Min. 16 Ga. Steel Framing. Framing must be designed in accordance w/ Florida Building Code 2020.

Allowable Design Pressures:

Table "A"

Maximum Design Pressure:	-45.0 psf	+55.0 psf
Fastener Pattern:	12"-12"-12"	12"-12"-12"
Fastener Spacing:	5'-0" O.C.	5'-0" O.C.

*Design Pressure includes a Safety Factor = 2.0.

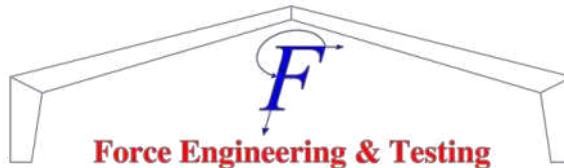


Code Compliance:	The product described herein has demonstrated compliance with The Florida Building Code 2020, Section 1709.2.
Evaluation Report Scope:	The product evaluation is limited to compliance with the structural wind load requirements of the Florida Building Code 2020, as relates to Rule 61G20-3.
Performance Standards:	The product described herein has demonstrated compliance with: ▪ ASTM E 1592-05 (2012) Test method for structural performance of sheet metal roof and siding systems by uniform static air pressure difference.
Reference Data:	1. ASTM E 1592-01 Force Engineering & Testing, Inc. (FBC Organization # TST-5328) Report No. 136-0393T-07 2. Certificate of Independence By Johnathan Green, P.E. (No. 88223) @ Force Engineering & Testing (FBC Organization # ANE ID: 12901)
Test Standard Equivalency:	The ASTM E 1592-01 test standard is equivalent to the ASTM E 1592-05 (2012) test standard.
Quality Assurance Entity:	The manufacturer has established compliance of roof panel products in accordance with the Florida Building Code and Rule 61G20-3.005 (3) for manufacturing under a quality assurance program audited by an approved quality assurance entity.
Installation:	Install per manufacturer's recommended details.
Insulation:	Manufacturer's approved product (Optional)
Roof Panel Fire Classification:	Fire classification is not part of this acceptance.
Shear Diaphragm:	Shear diaphragm values are outside the scope of this report.



Design Procedure:

Based on the dimensions of the structure, appropriate wind loads are determined using Chapter 16 of the Florida Building Code 2020 for wall cladding wind loads. These component wind loads for wall cladding are compared to the allowable pressure listed above. The design professional shall select the appropriate erection details to reference in his drawings for proper fastener attachment to his structure and analyze the panel fasteners for pullout and pullover. Support framing must be in compliance with Florida Building Code 2020 Chapter 22 for steel, and Chapter 16 for structural loading.



Force Engineering & Testing

19530 Ramblewood Drive
Humble, Texas 77338

Phone: (281) 540-6603 FAX: (281) 540-9966
Website: www.forceengineeringtesting.com

26 Ga. PBR Wall Panel over open framing

