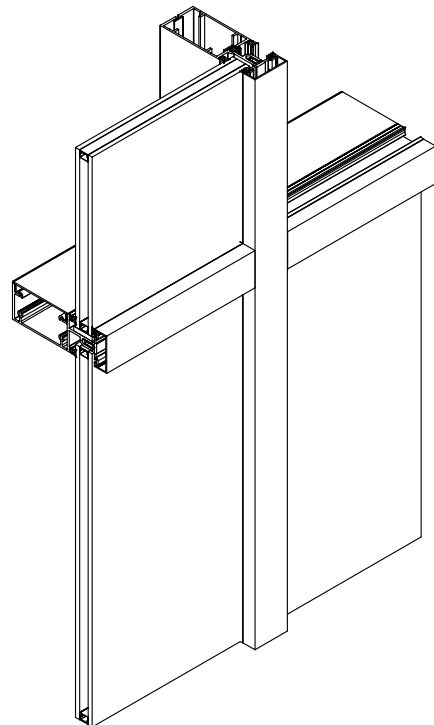
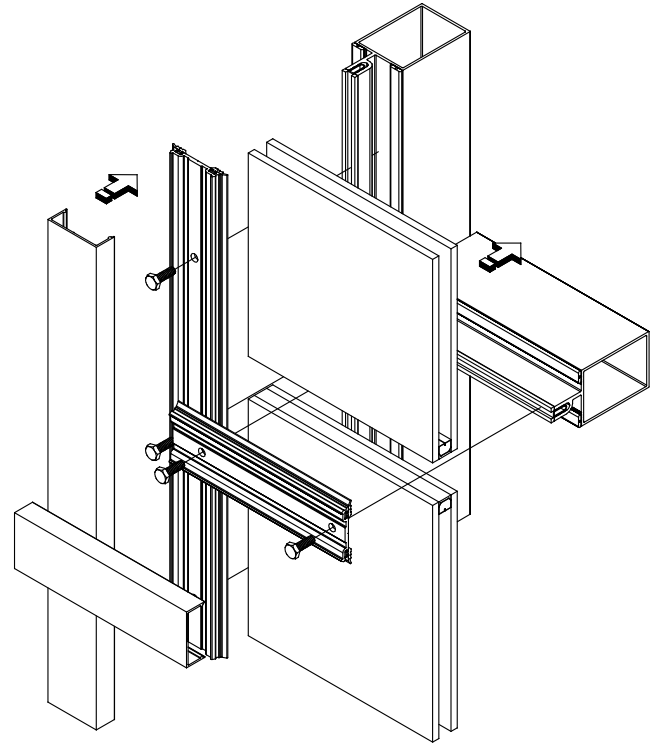


ALUMICOR CURTAIN WALL SYSTEMS

VersaWall MidLine 2200 Series Curtain Wall

A slightly lighter profile than the VersaWall 2500 at 2" nominal (50mm), VersaWall MidLine 2200 curtain wall is ideal for low to medium rise curtain wall applications as well as for storefront. It is also available as a split mullion ribbon window system with two sided SSG option and a unique and convenient perimeter anchoring design.



VERSAWALL MIDLINE 2200

SECTION 1.6 2" (50.0 mm) STICK CURTAIN WALL INDEX

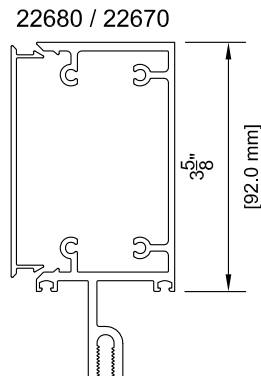
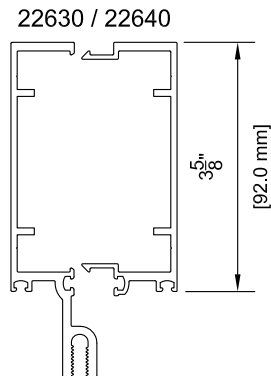
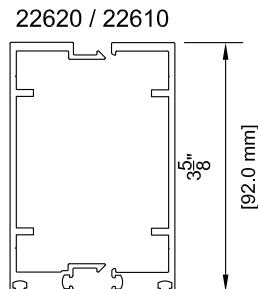
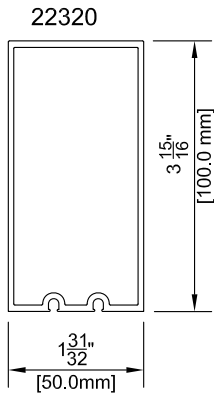
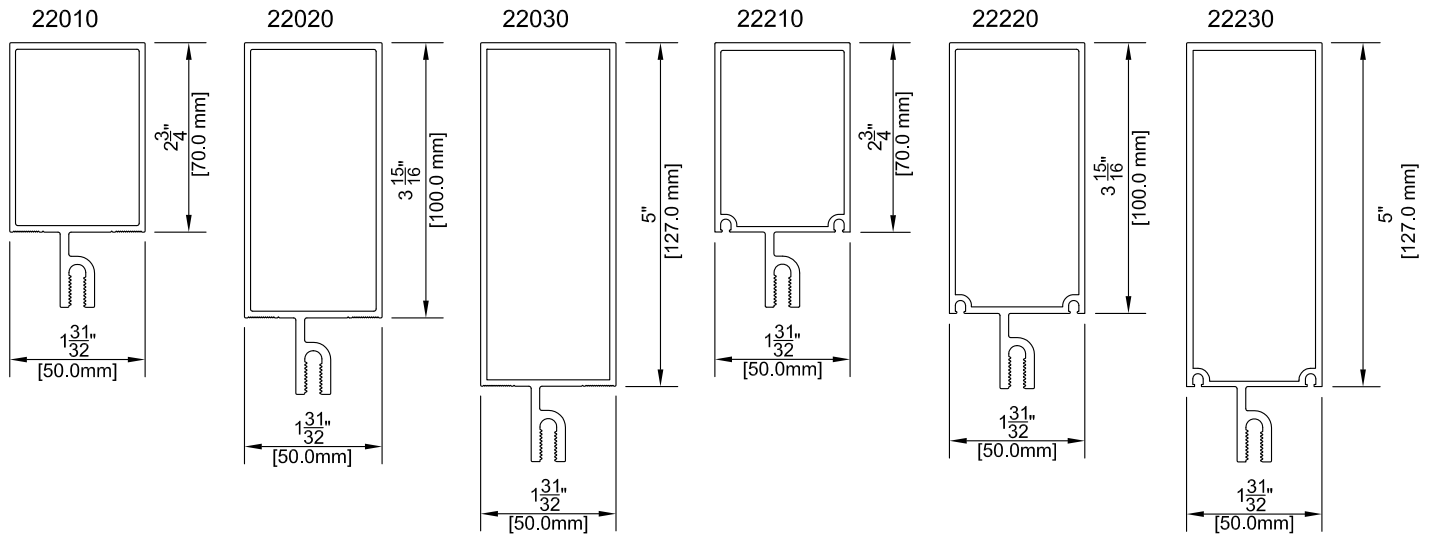
SECTION 1.6.1	VERSAWALL MIDLINE 2200 PRIMARY COMPONENTS	1.6.1.1 TO 1.6.1.2
SECTION 1.6.2	TYPICAL DETAILS	1.6.2.0 TO 1.6.2.10
SECTION 1.6.3	VERSAWALL MIDLINE 2200 SERIES RIBBON WINDOW	1.6.3.1 TO 1.6.3.4
SECTION 1.6.4	THERMAL PERFORMANCE	1.6.4.1 TO 1.6.4.2
SECTION 1.6.5	RESERVED FOR FUTURE USE	
SECTION 1.6.6	RESERVED FOR FUTURE USE	
SECTION 1.6.7	WIND LOAD CHARTS	1.6.7.1 TO 1.6.7.6
SECTION 1.6.8	DEAD LOAD CHARTS	1.6.8.1 TO 1.6.8.6
SECTION 1.6.9	TOTAL SYSTEM COMPONENTS	1.6.9.1 TO 1.6.9.10

A SLIGHTLY LIGHTER PROFILE THAN THE VERSAWALL 2500 AT 2" (50 mm) NOMINAL, THE VERSAWALL MIDLINE 2200 CURTAIN WALL IS IDEAL FOR LOW TO MEDIUM RISE CURTAIN WALL APPLICATIONS AS WELL AS FOR STOREFRONT. IT IS ALSO AVAILABLE AS A SPLIT MULLION RIBBON WINDOW SYSTEM WITH TWO SIDED SSG OPTION AND A UNIQUE AND CONVENIENT PERIMETER ANCHORING DESIGN.

NOTES:

VERSAWALL MIDLINE 2200

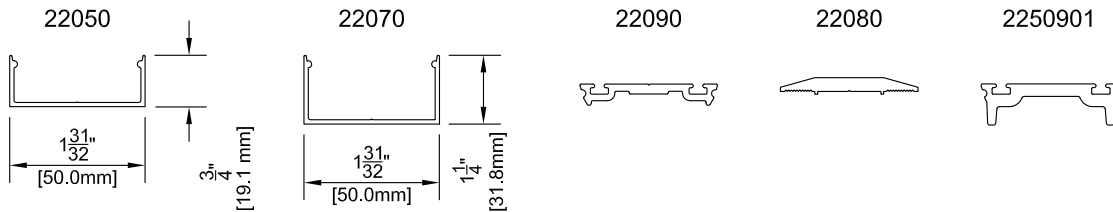
PRIMARY COMPONENTS SUMMARY PAGES



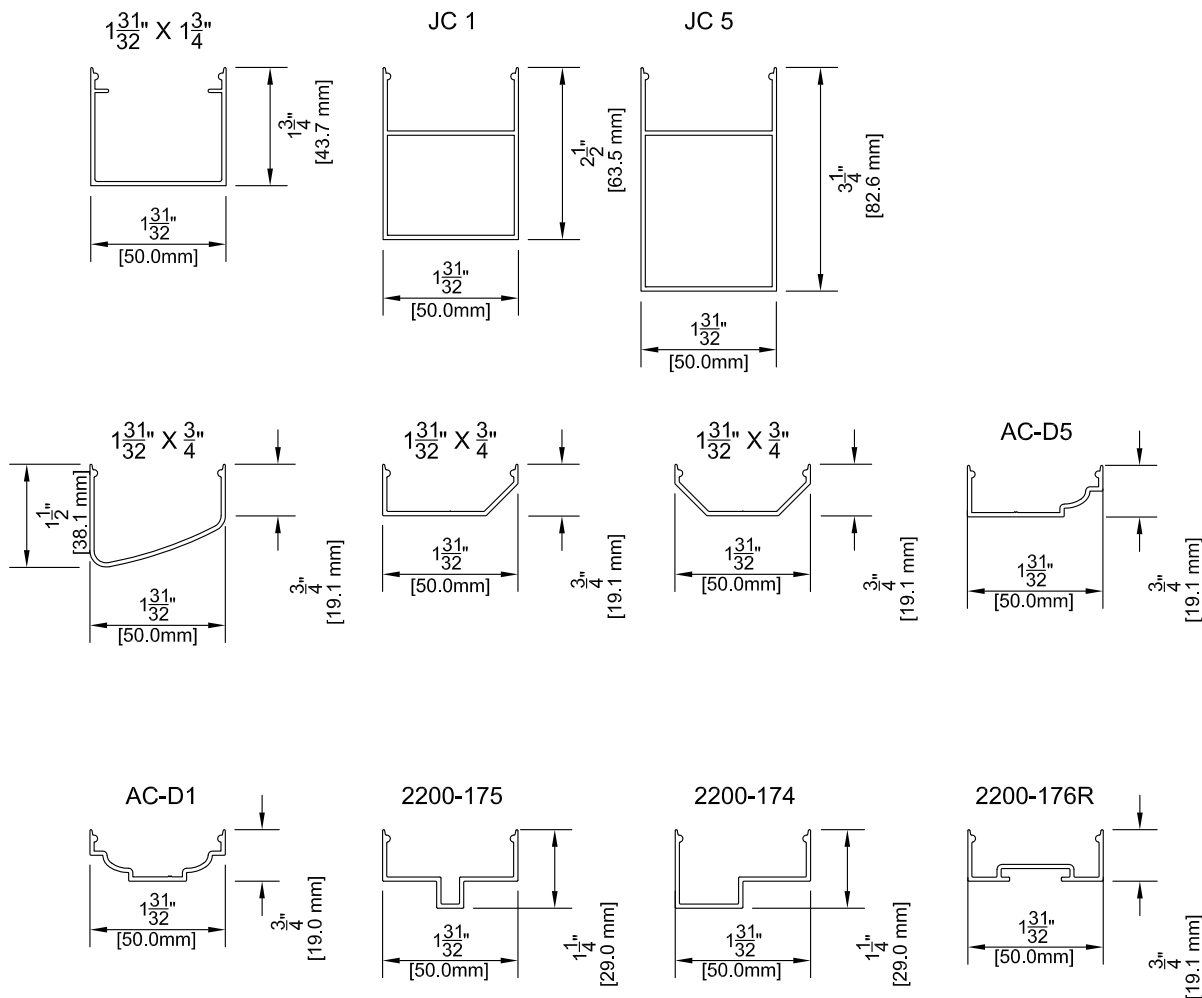
VERSAWALL MIDLINE 2200

PRIMARY COMPONENTS SUMMARY PAGES

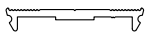
STOCK CAPS & PRESSURE PLATES



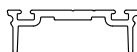
SPECIAL ORDER CAPS & PRESSURE PLATES



WET GLAZED PRESSURE PLATE.

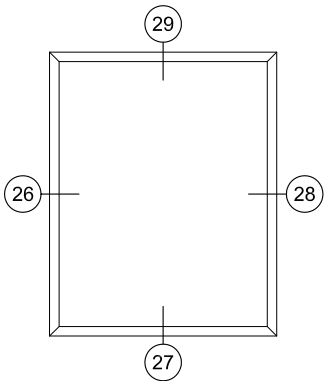
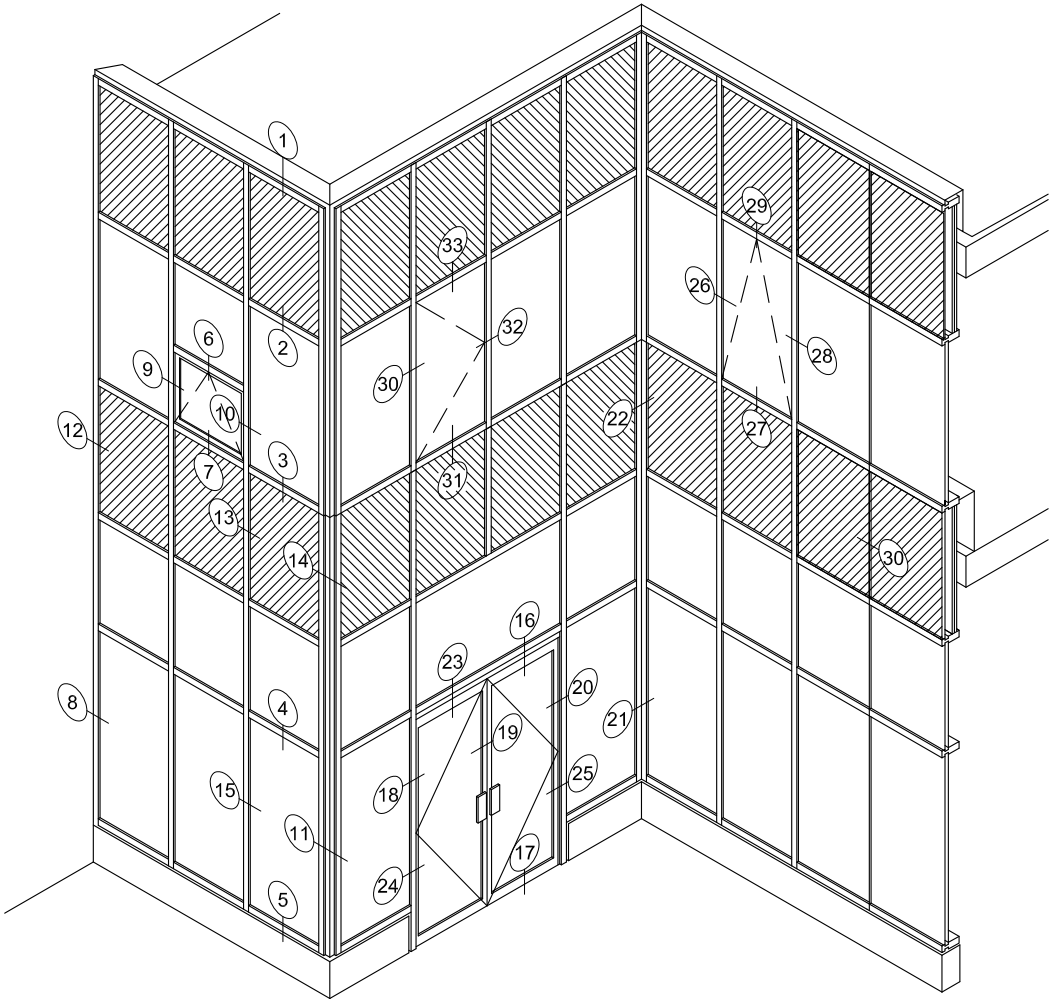


2200-137

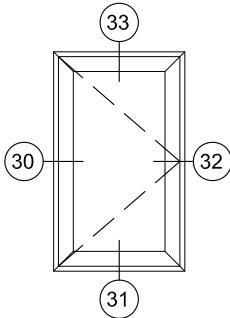


SPECIAL ORDER CAPS AND PRESSURE PLATES MAY BE DISCONTINUED WITHOUT NOTICE.
PLEASE CONTACT YOUR ALUMICOR REPRESENTATIVE TO CONFIRM AVAILABILITY.

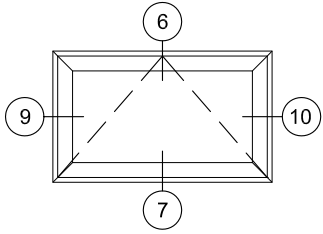
VERSAWALL MIDLINE 2200
TYPICAL DETAILS



PHANTOM VENT
5000 SERIES



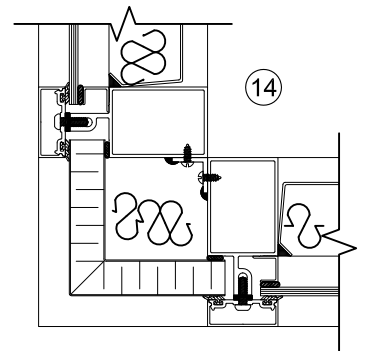
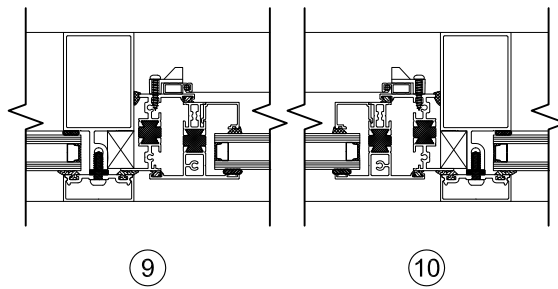
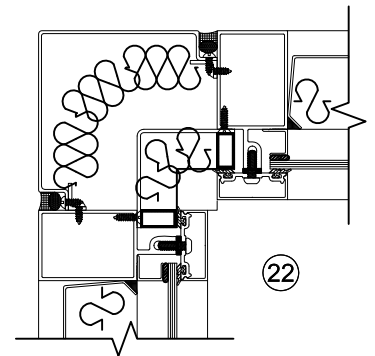
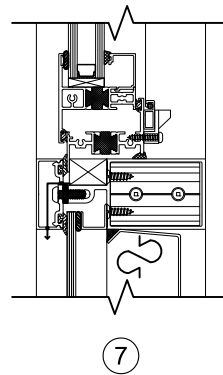
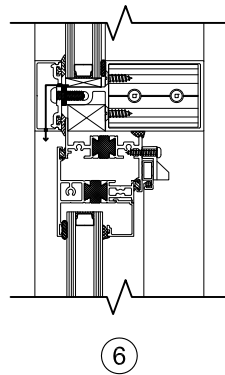
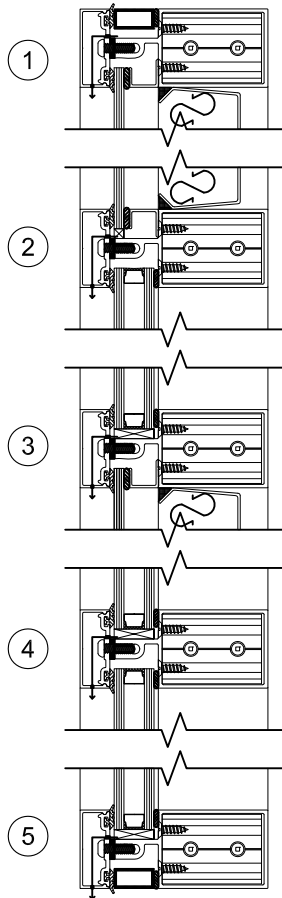
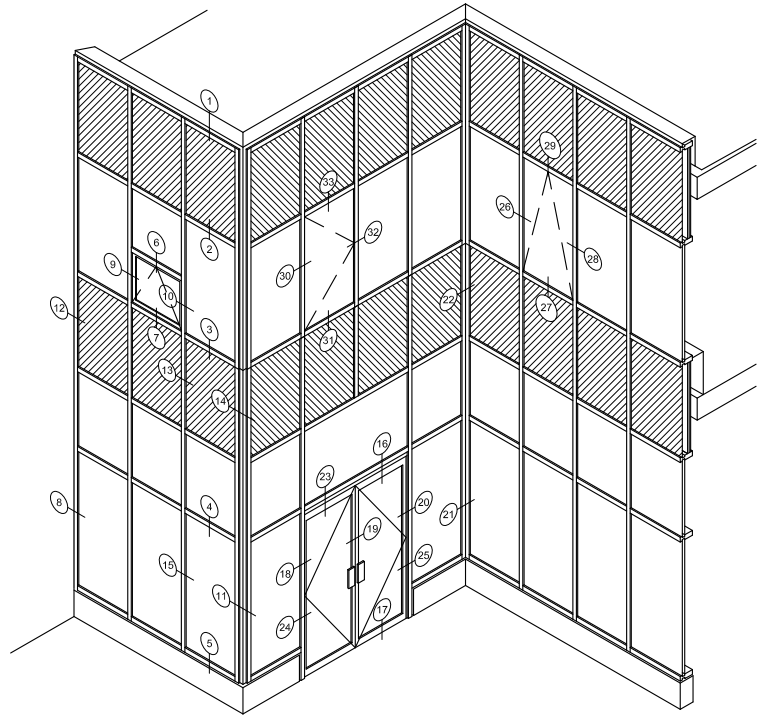
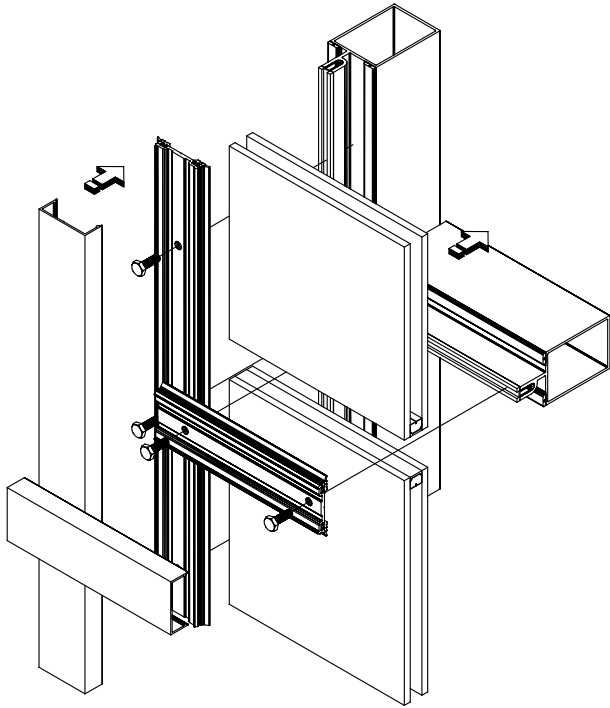
1400 SERIES
ULTRAVENT



1350 SERIES
UNIVENT

VERSAWALL MIDLINE 2200

TYPICAL DETAILS



VERSAWALL MIDLINE 2200

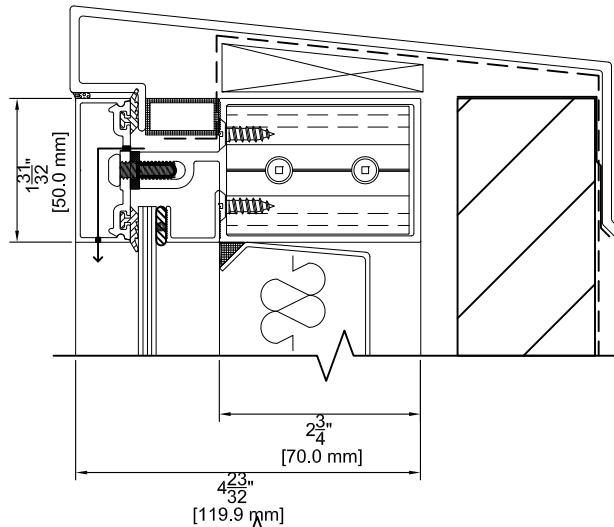
TYPICAL DETAILS

PARAPET CONSTRUCTION SHOWN AT HEAD DETAIL
IS CONCEPTUAL ONLY AND NOT INTENDED TO
SUGGEST A RECOMMENDED DETAIL.

OPTIONAL DRY/DRY GLAZED SHOWN

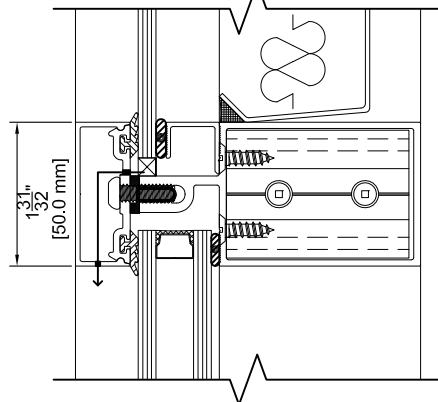
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HEAD



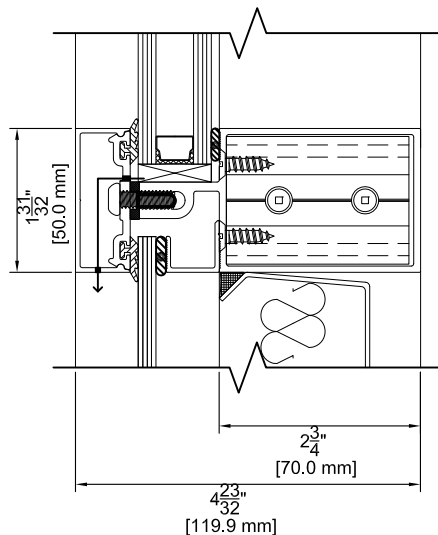
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HORIZONTAL



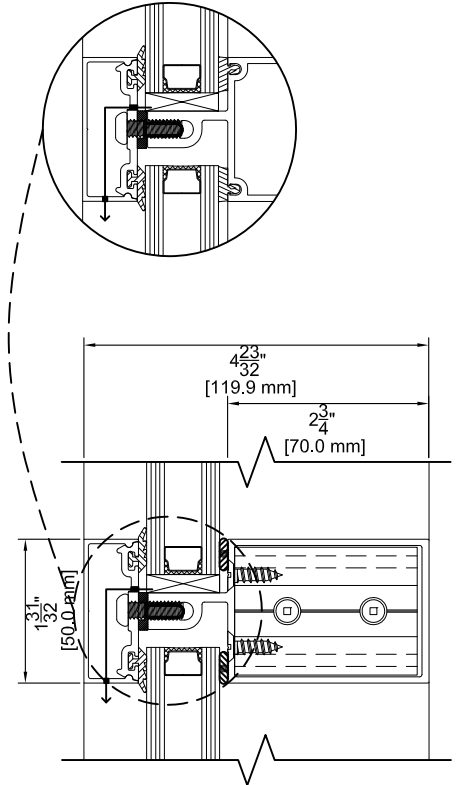
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HORIZONTAL



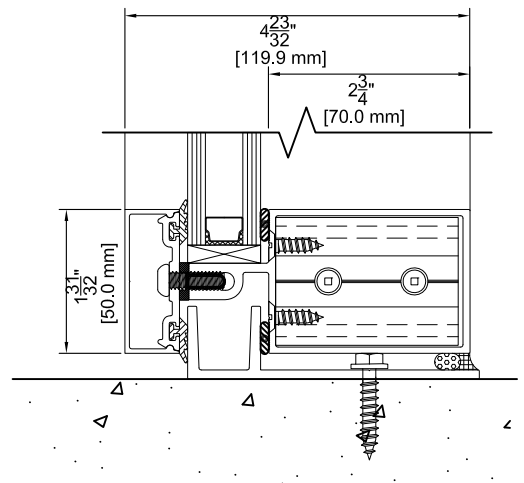
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HORIZONTAL



5

SILL



2 3/4" (70 mm) BACK SECTION SHOWN DUE TO SPACE LIMITATIONS.

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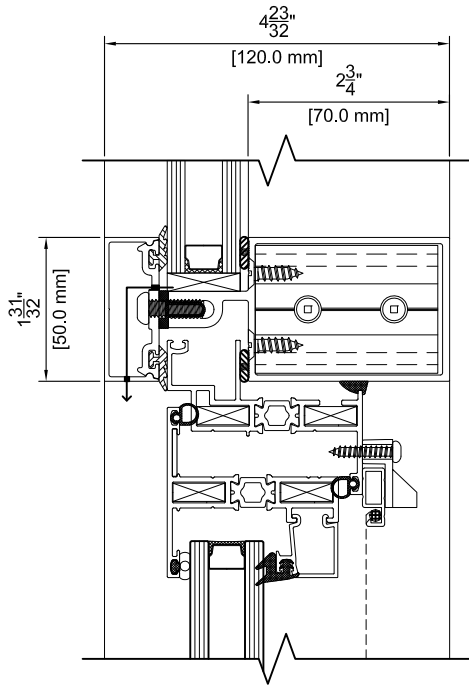
WINNIPEG • TORONTO • MONTREAL • HALIFAX

PAGE:

1.6.2.2

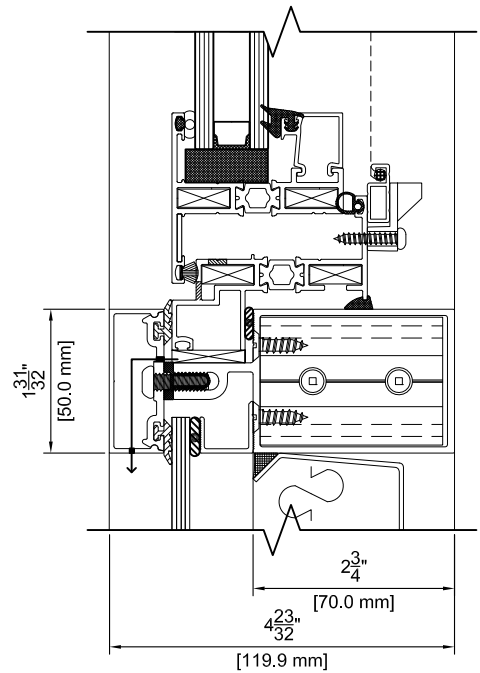
VERSAWALL MIDLINE 2200

TYPICAL DETAILS



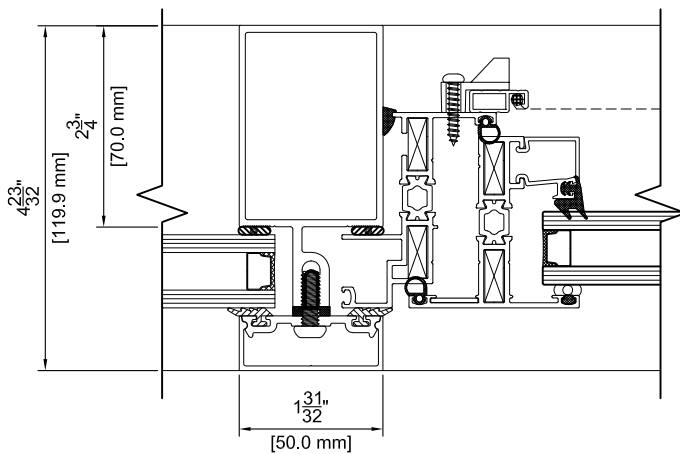
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HORIZONTAL



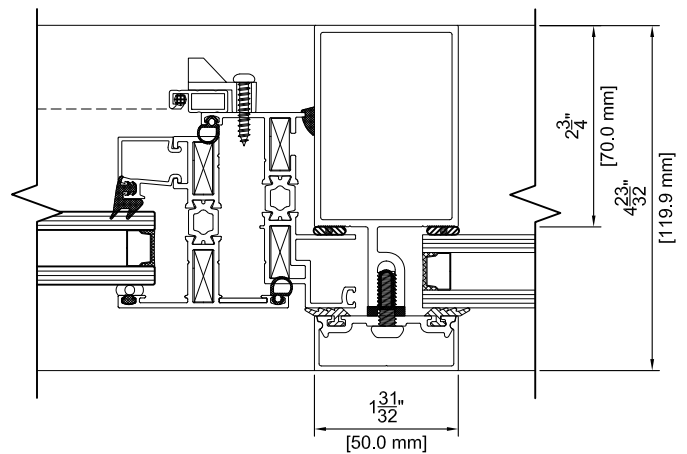
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HORIZONTAL



9

MULLION



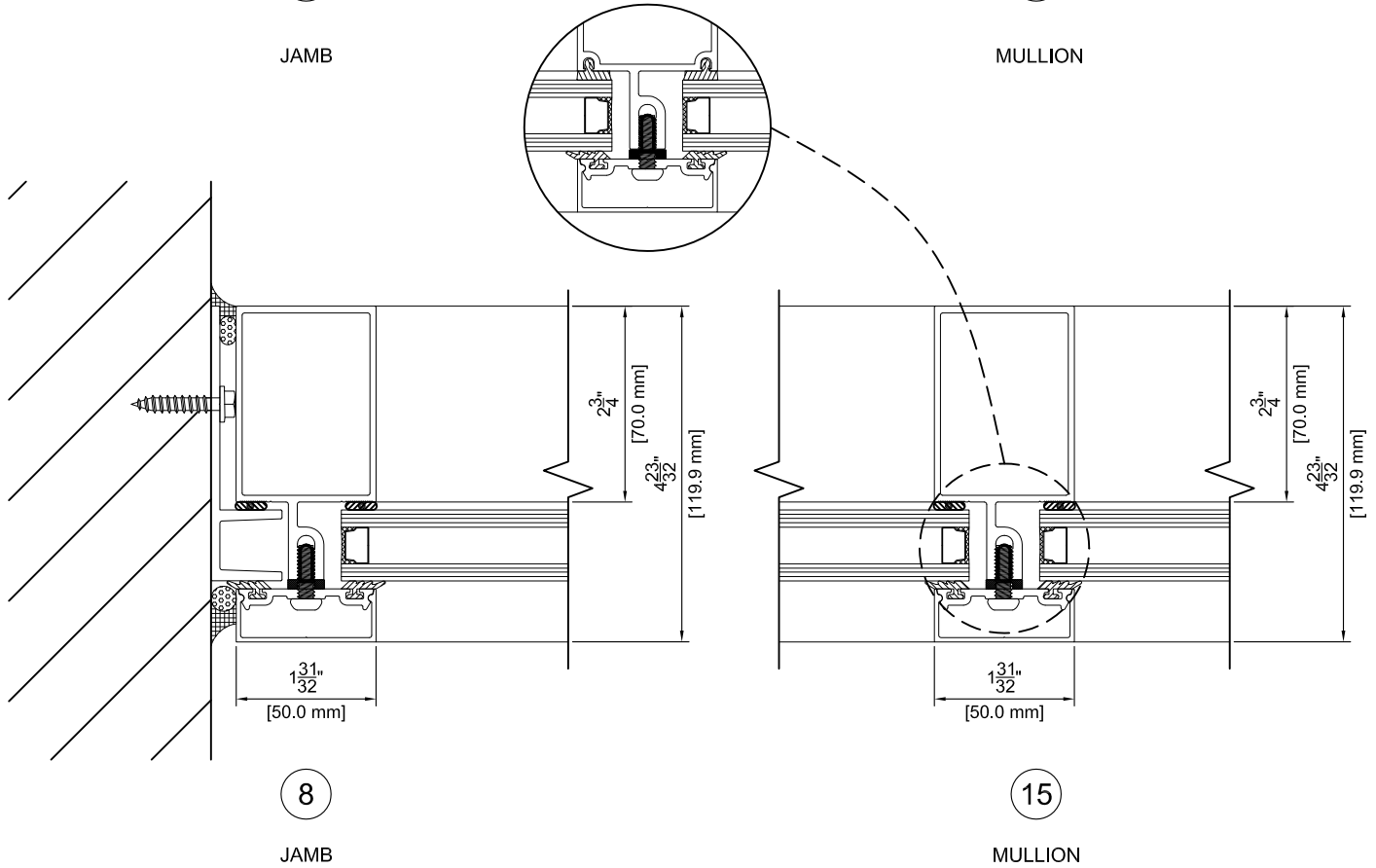
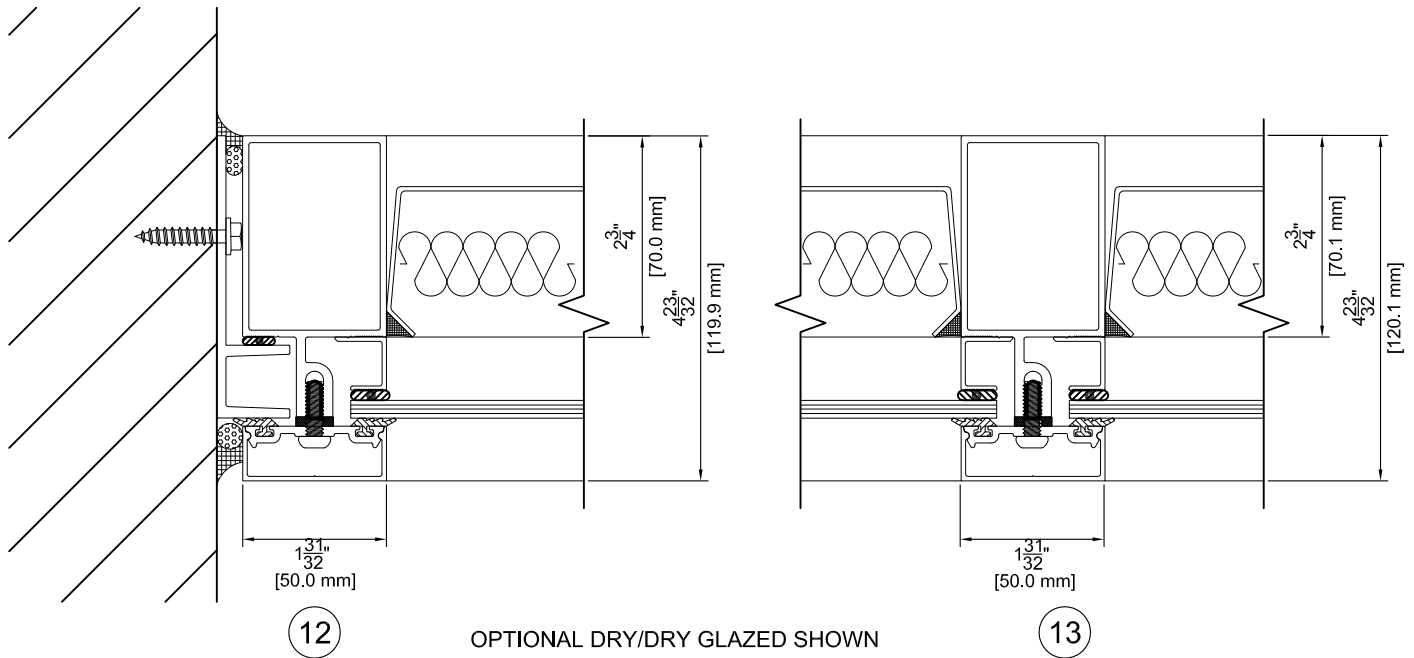
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MULLION

DETAILS SHOWING UNIVENT PROJECTED WINDOW INSTALLED INTO VERSAWALL MIDLINE CURTAIN WALL. SEE THE **WINDOWS** SECTION FOR FURTHER INFORMATION ON UNIVENT.

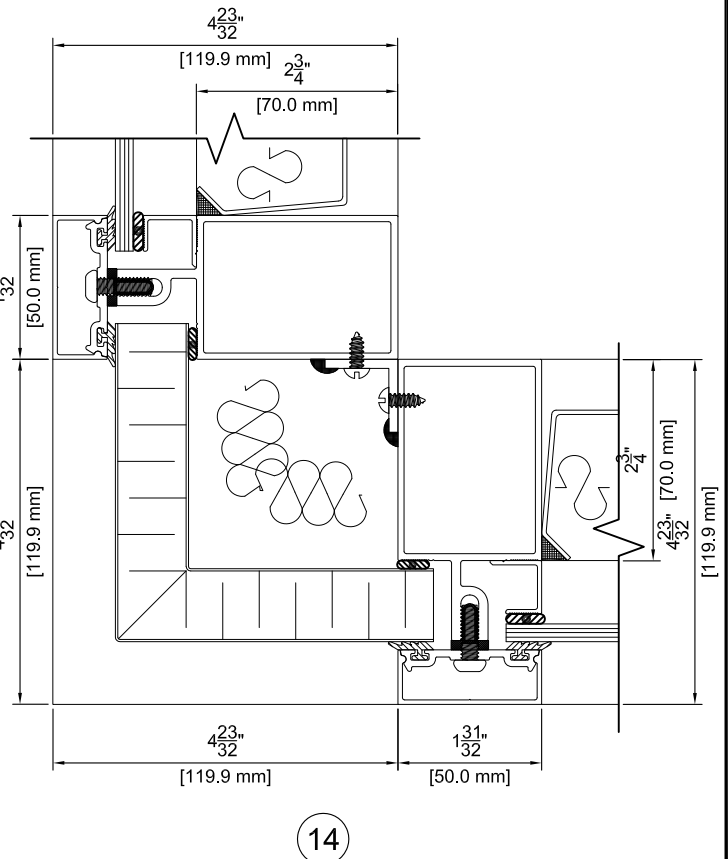
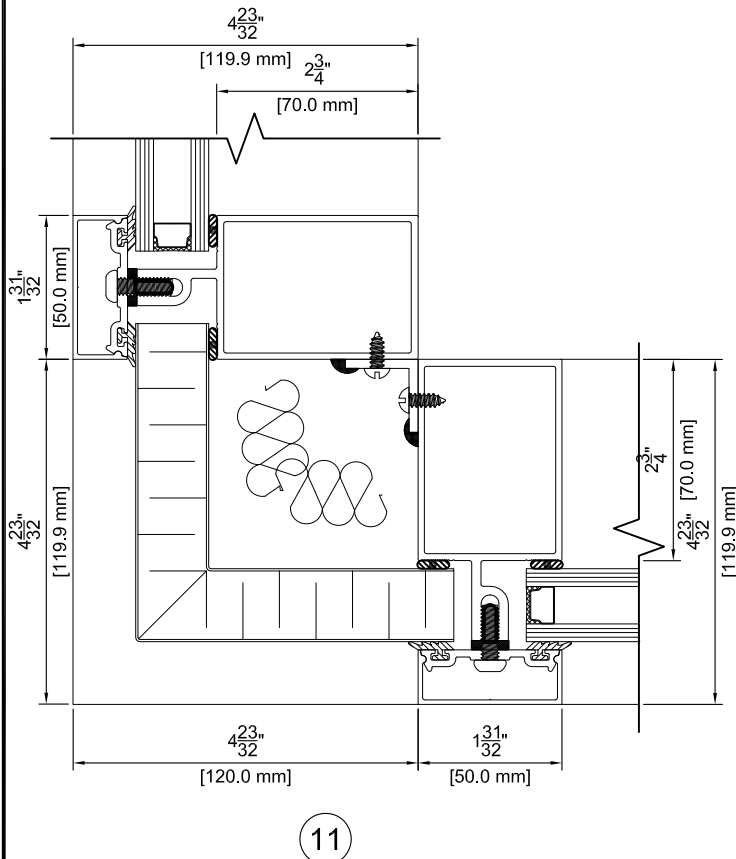
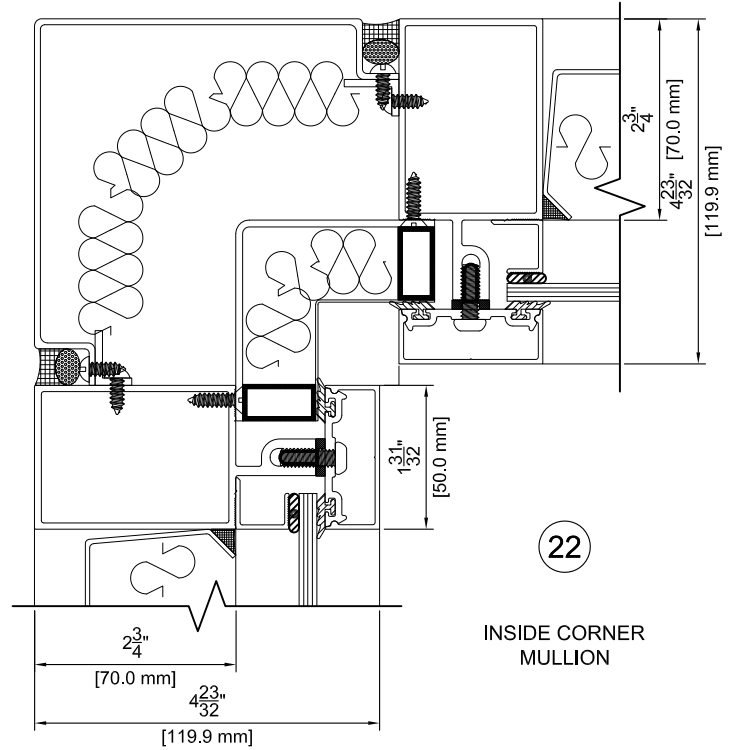
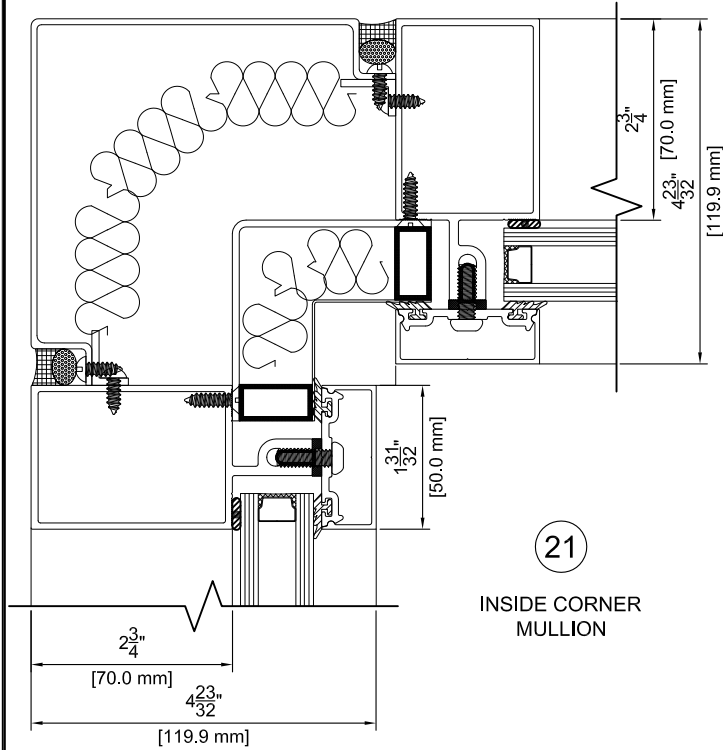
VERSAWALL MIDLINE 2200

TYPICAL DETAILS



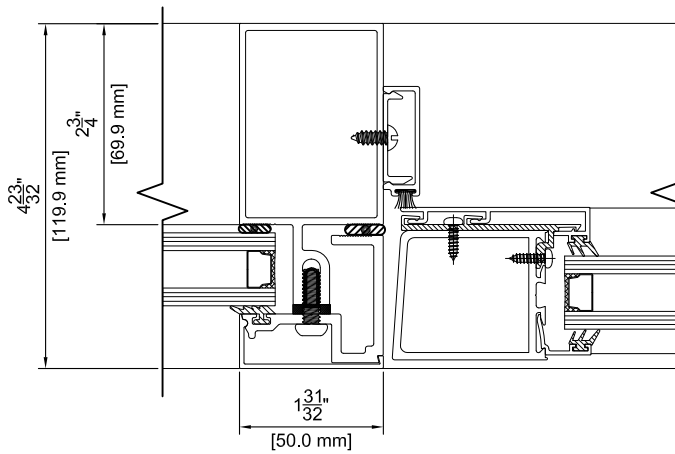
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TYPICAL DETAILS



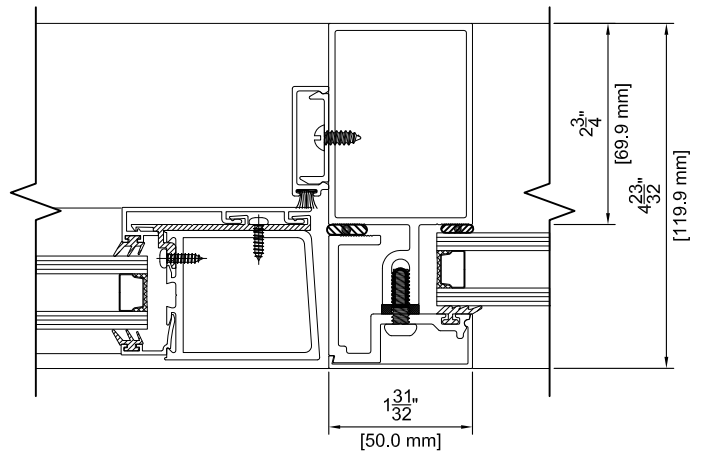
VERSAWALL MIDLINE 2200

TYPICAL DETAILS



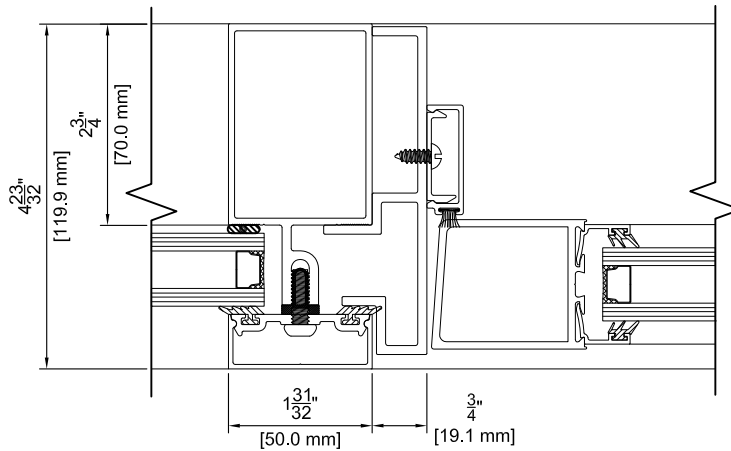
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DOOR AT MULLION
WITH FLUSH
ADAPTOR



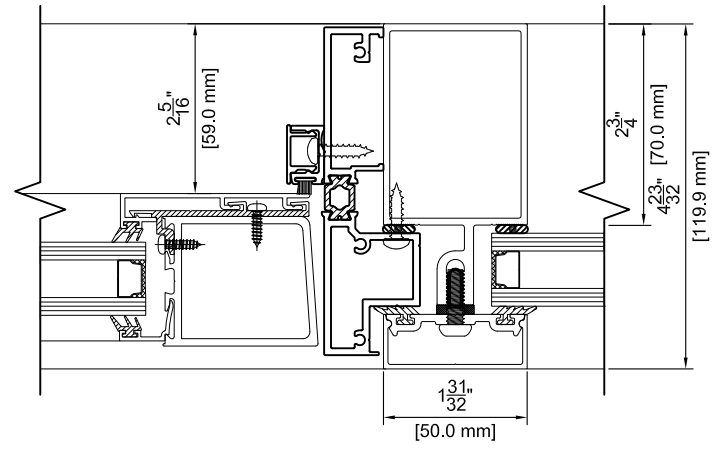
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DOOR AT MULLION
WITH FLUSH
ADAPTOR



18

DOOR AT MULLION

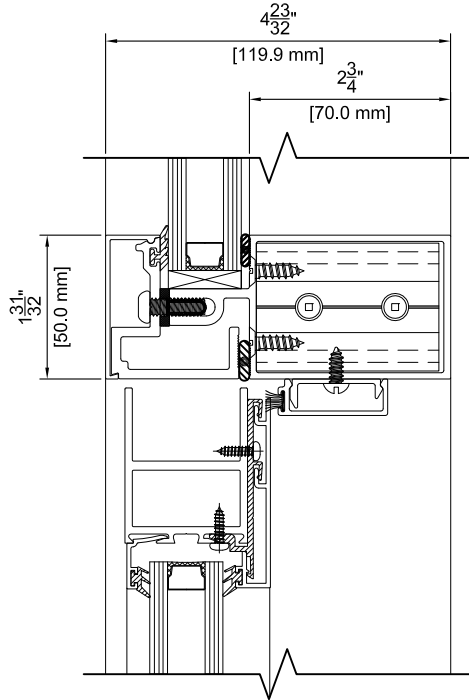


20

DOOR AT MULLION
WITH THERMALLY
BROKEN DOOR
ADAPTER
(HEAD DETAIL SIMILAR)

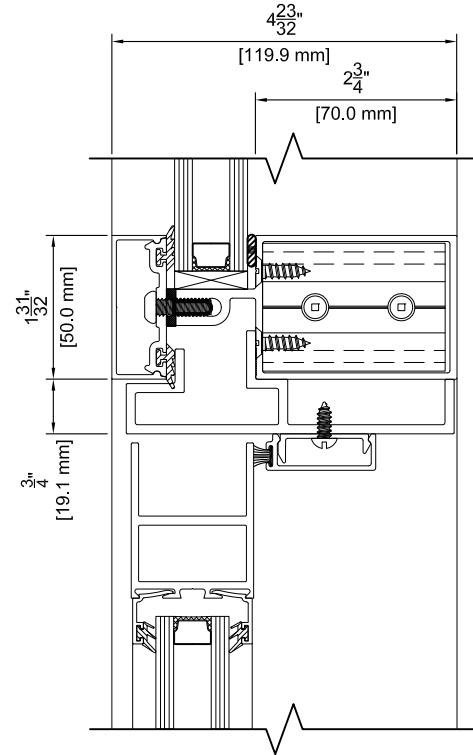
VERSAWALL MIDLINE 2200

TYPICAL DETAILS



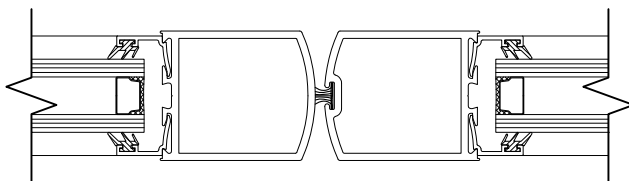
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HEAD OF
ENTRANCE DOOR
WITH FLUSH
ADAPTER

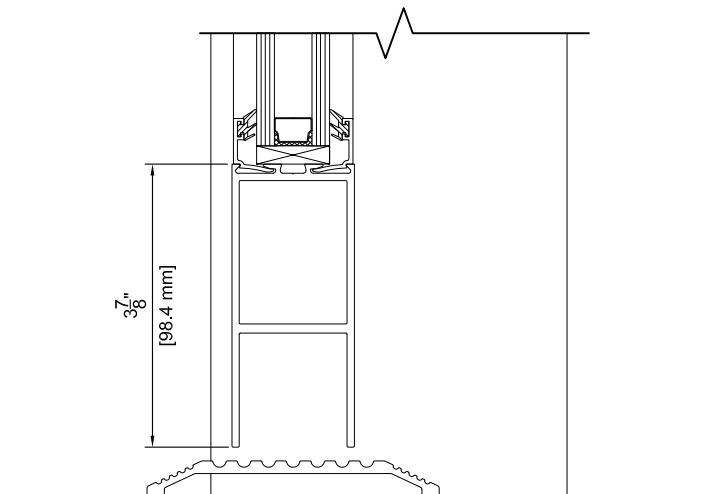


16

HEAD OF
ENTRANCE DOOR



19



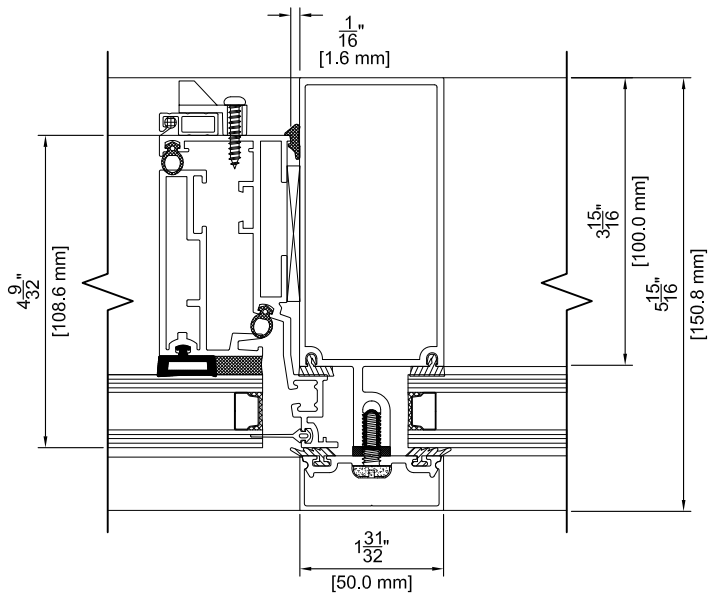
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SILL OF ENTRANCE
DOOR

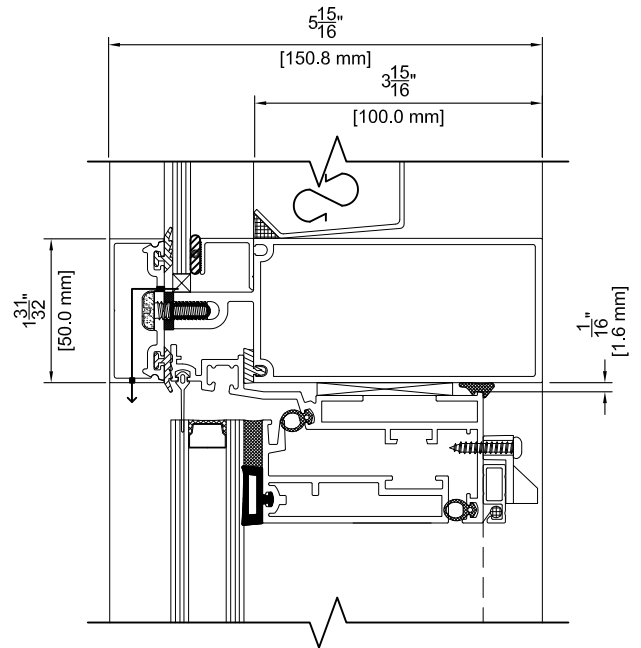
VERSAWALL MIDLINE 2200

TYPICAL DETAILS

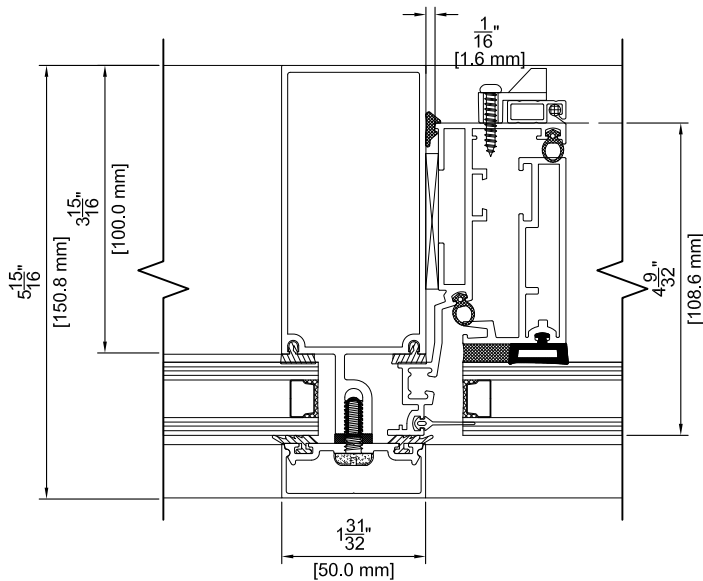
DETAILS SHOWING PHANTOM VENT WINDOW INSTALLED INTO VERSAWALL MIDLINE CURTAIN WALL. SEE THE **WINDOWS** SECTION FOR FURTHER INFORMATION ON THE PHANTOM VENT.



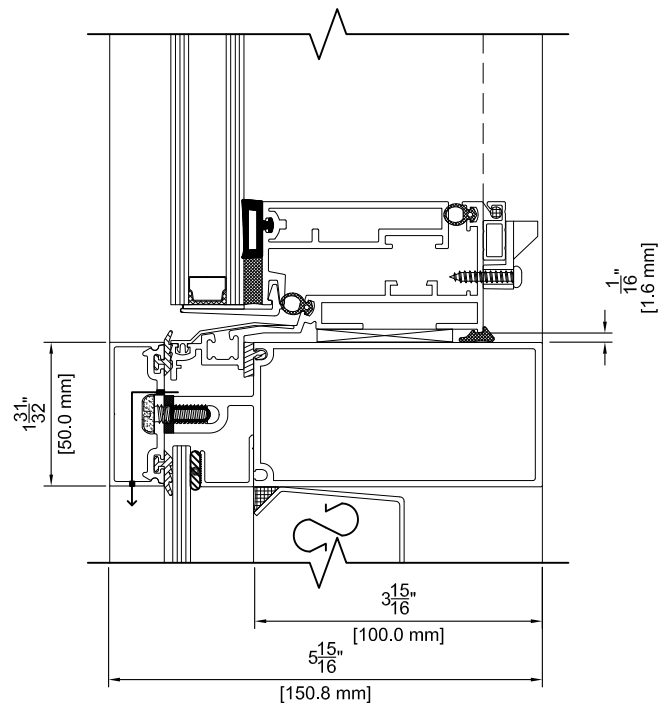
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29



26



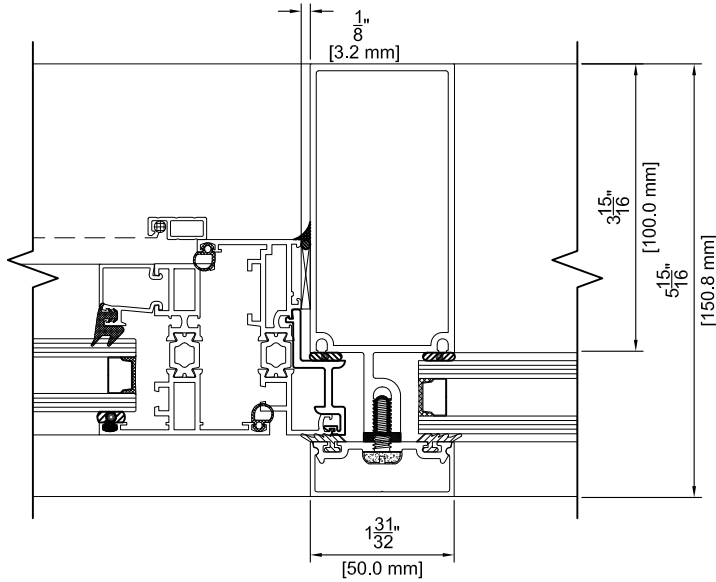
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NOTES: MINIMUM 4" (102 mm) 2202 BACK SECTION IS REQUIRED TO ACCOMMODATE THE PHANTOM VENT.

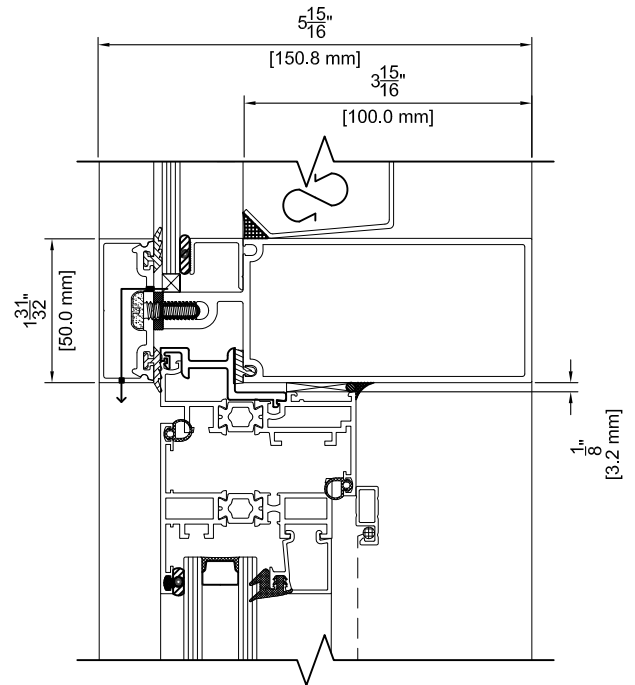
VERSAWALL MIDLINE 2200

TYPICAL DETAILS

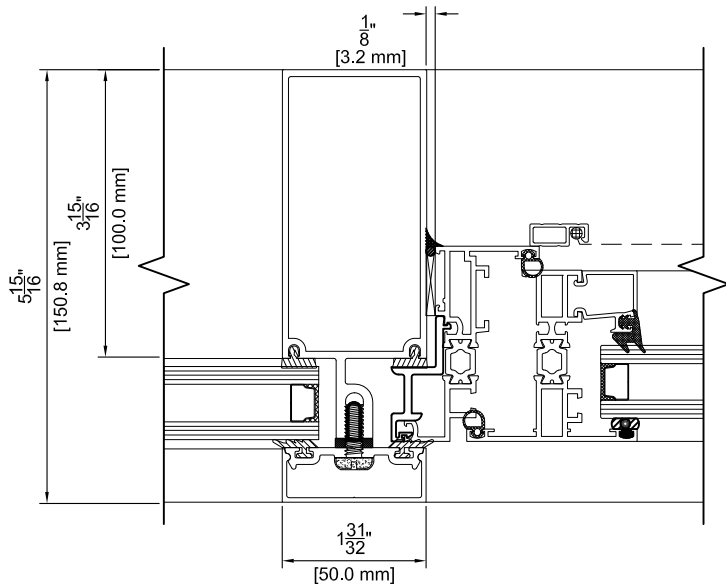
DETAILS SHOWING ULTRAVENT WINDOW INSTALLED INTO VERSAWALL MIDLINE CURTAIN WALL. SEE THE **WINDOWS** SECTION FOR FURTHER INFORMATION ON THE ULTRAVENT.



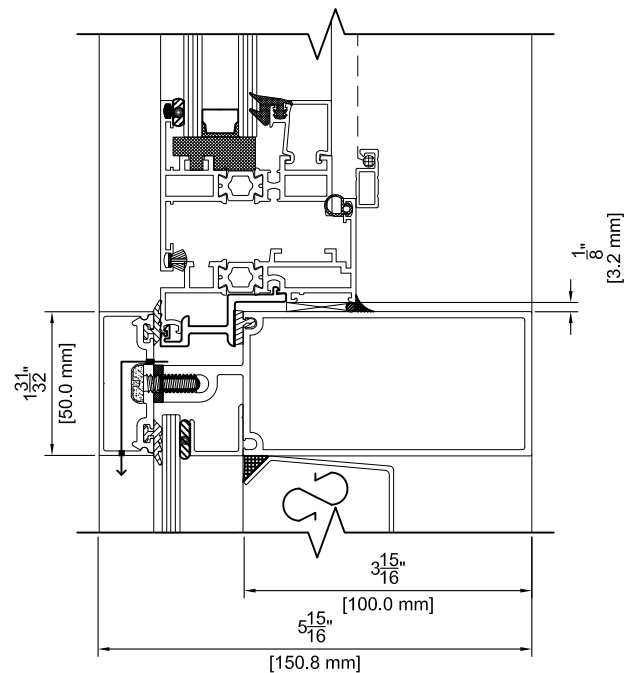
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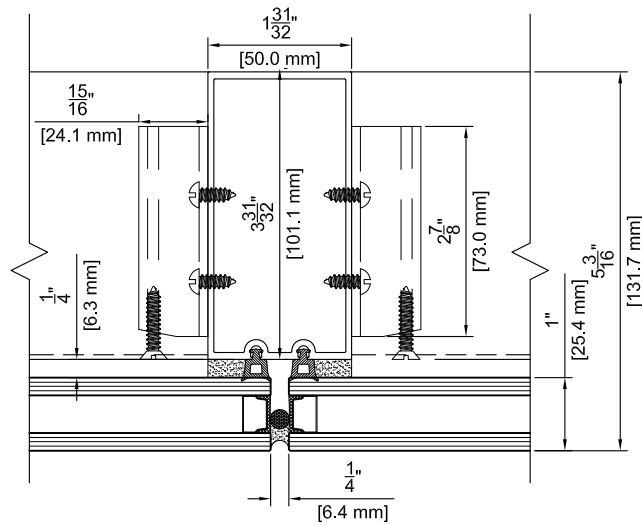
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31

VERSAWALL MIDLINE 2200

SSG



30

SSG
MULLION

APRIL
2010

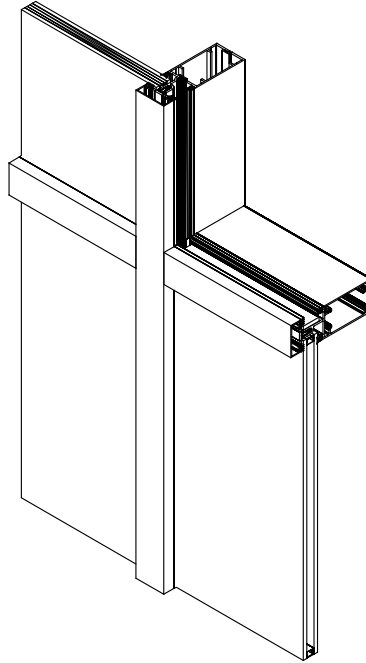
ALUMICOR LIMITED

WINNIPEG • TORONTO • MONTREAL • HALIFAX

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1.6.2.10

VERSAWALL MIDLINE 2200

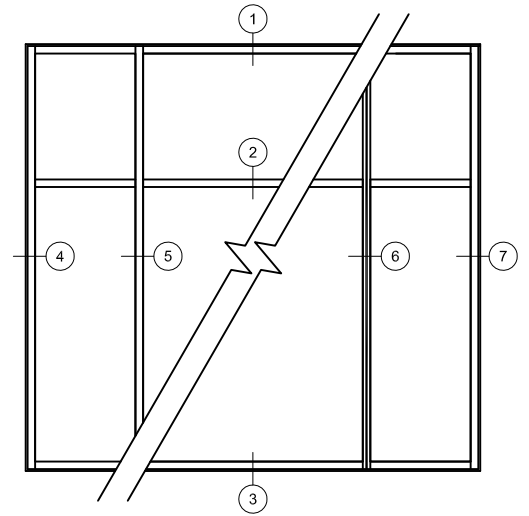
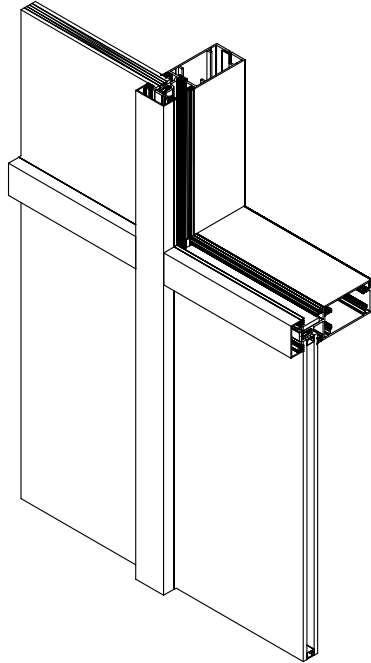


VERSAWALL MIDLINE 2200 RIBBON WINDOW

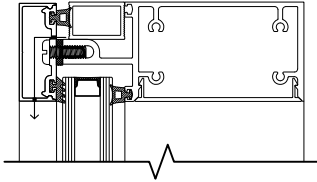
A RIBBON WINDOW SYSTEM WHOSE DESIGN IS BASED UPON OUR VERSAWALL MIDLINE CURTAIN WALL WITH IDENTICAL SIGHT LINES AND FEATURES SUCH AS:

- PRE-FABRICATED, SCREW SPLINE DESIGN MEANS BETTER QUALITY CONTROL, FASTER FABRICATION AND INSTALLATION
- NO NEED FOR HEAD AND SILL RECEPTORS; THE TWO PIECE HORIZONTALS PERMIT SECURE, HIDDEN ANCHORING THROUGH THE BACK SECTION
- VERTICAL SSG CAPABILITY
- PRESSURE EQUALIZED, RAIN SCREEN DESIGN WITHOUT WET SEALS
- SIMPLE HEAD ANCHORING CAN ACCOMMODATE UP TO 1/2" VERTICAL DEFLECTION
- AVAILABLE IN 3 5/8" (92.1mm) BACK SECTION DEPTH
- WILL ACCEPT ALL PROJECTED OPERABLE WINDOWS AND SV2000 VENTILATOR

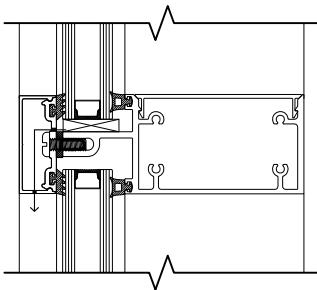
VERSAWALL MIDLINE 2200



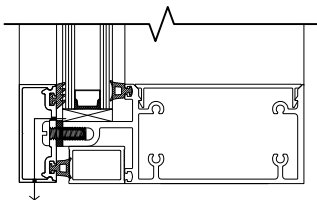
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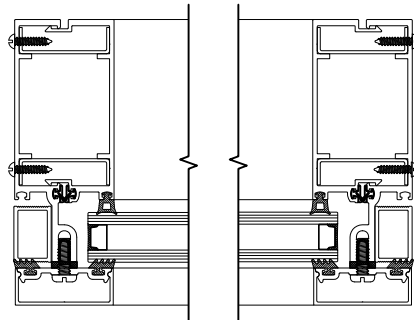
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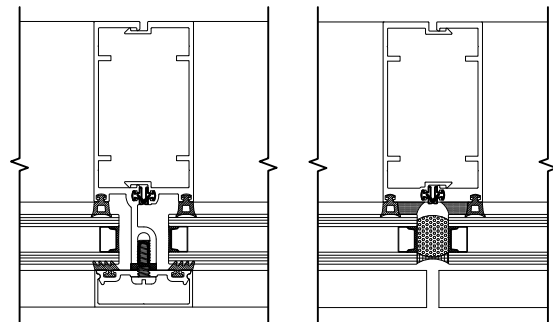


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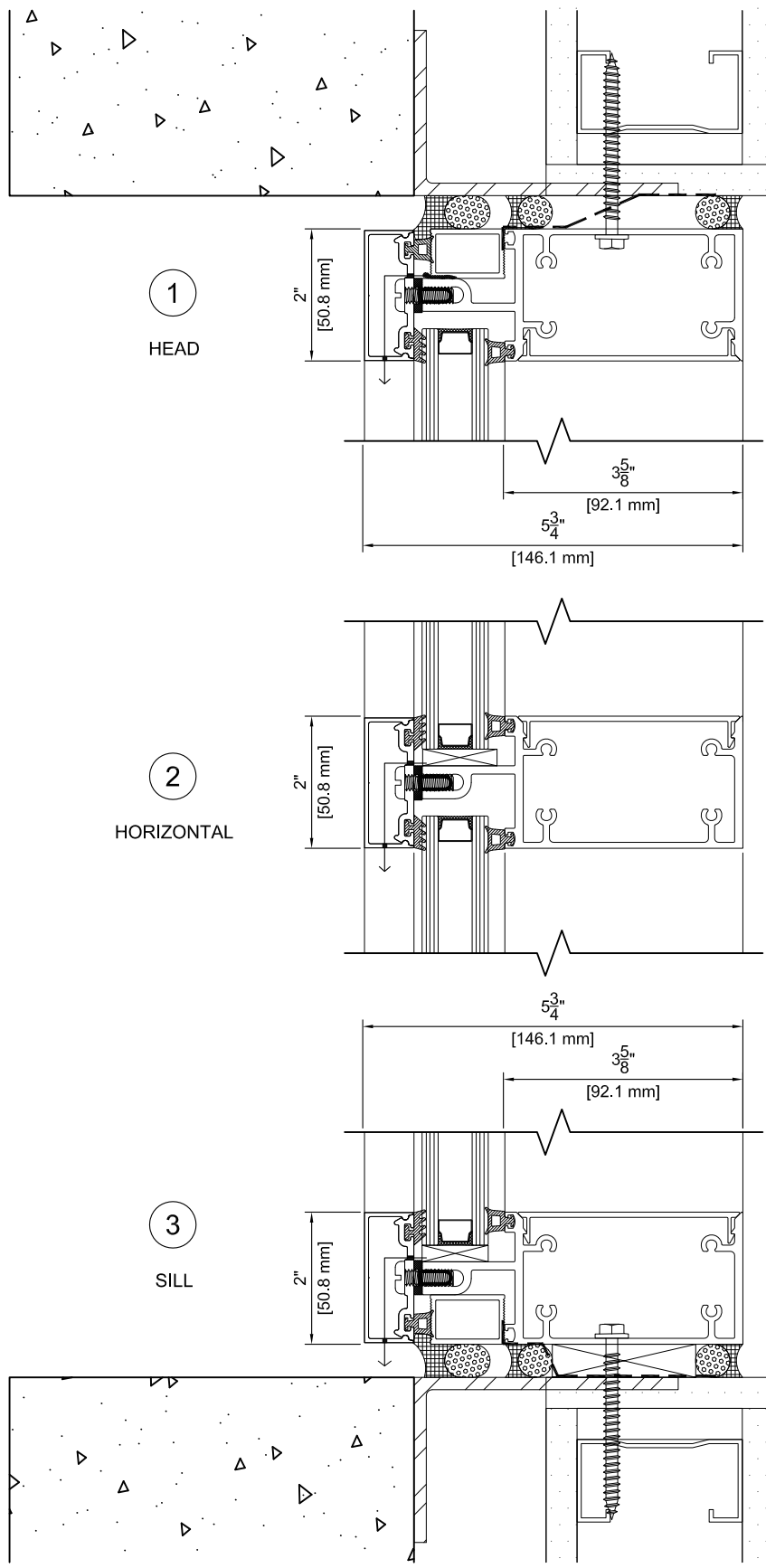
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6

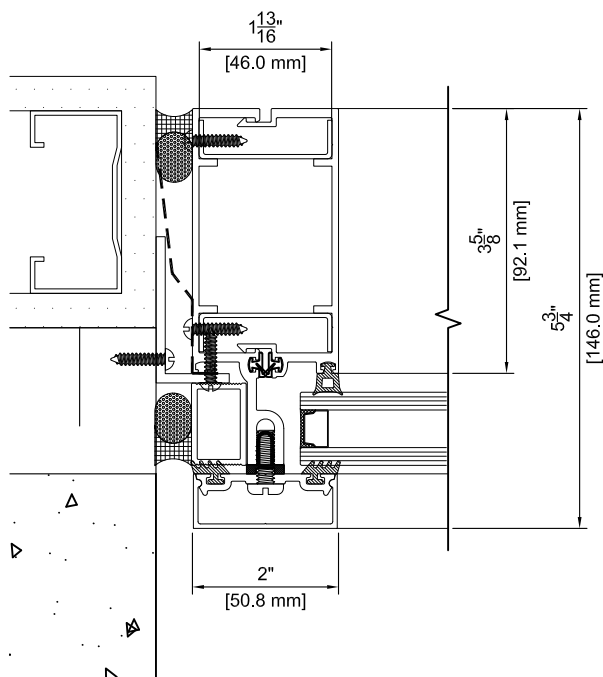
VERSAWALL MIDLINE 2200

RIBBON WINDOWS



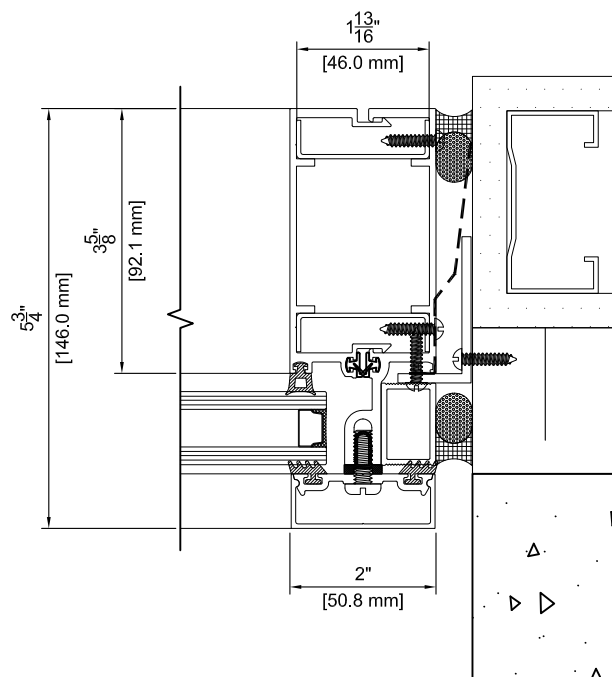
VERSAWALL MIDLINE 2200

RIBBON WINDOWS



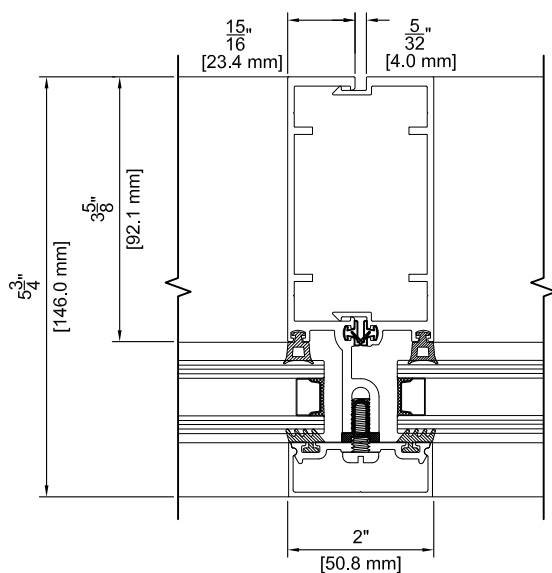
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JAMB



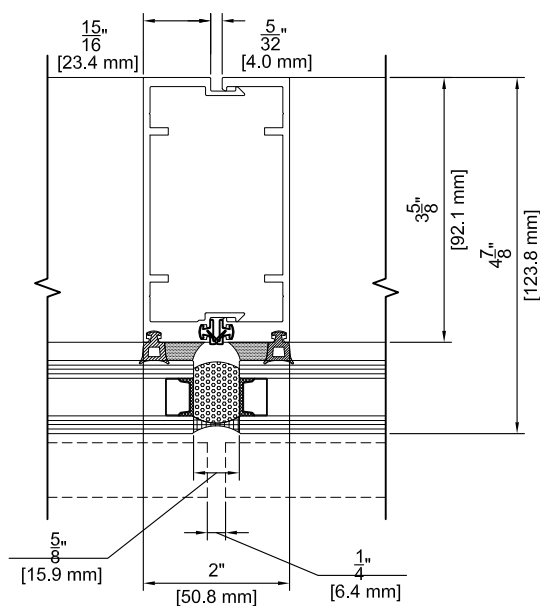
7

JAMB



5

MULLION



6

MULLION

VERSAWALL MIDLINE 2200 THERMAL SIMULATION CHART

THERMAL SIMULATION CHARTS READING GUIDE

THE FOLLOWING THERMAL CHARTS ARE TO BE USED TO DETERMINE OVERALL U VALUE OF THE PRODUCT BY KNOWING U VALUE CENTER OF GLASS AND SELECTED SPACER OR DETERMINE CENTER OF GLASS U VALUE AND SPACER BY KNOWING THE PRODUCT REQUIREMENTS FOR U VALUE.

DETERMINE CENTER OF GLASS U VALUE

- 1) Choose the total system U value from the chart below (vertical axis).
- 2) Based on this point come across horizontally until you reach the specific spacer bar (metallic or non-metallic)
- 3) From this point come down vertically until you reach the horizontal axis and your center of glass U value

DETERMINE TOTAL SYSTEM U VALUE

- 1) Choose your center of glass U value from the chart below (horizontal axis).
- 2) Based on this point come up vertically until you reach the specific spacer bar (metallic or non-metallic)
- 3) From this point come across horizontally until you reach the vertical axis and your total system U value

A = Double glazed with Generic Group1

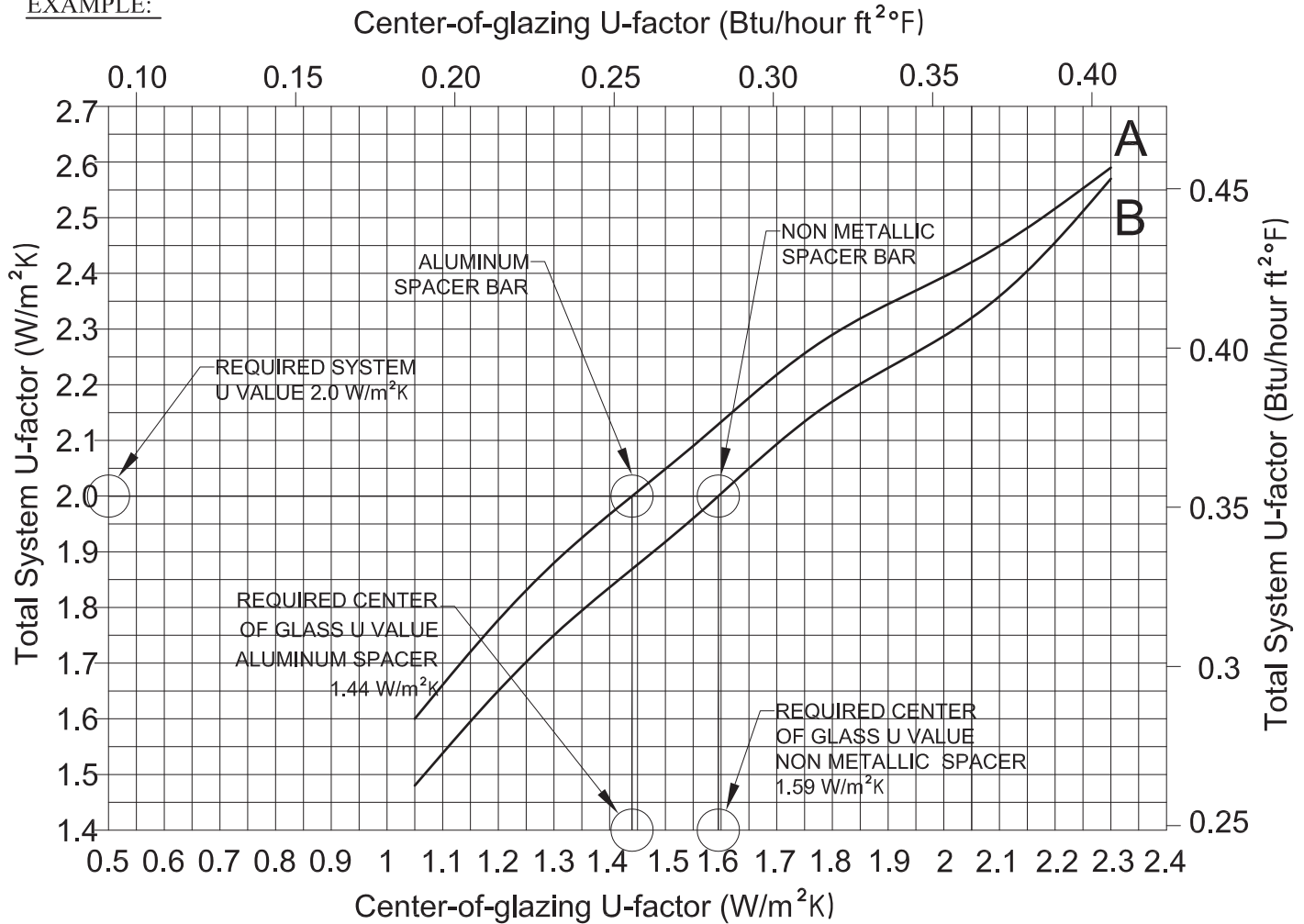
-Spacer containing aluminum

B = Double glazed with Generic Group4

-Spacer containing all non metallic materials

CHART BASED ON 1" (25.4 mm)
DOUBLE GLAZED UNIT WITH
3.2mm PVC THERMAL BREAK

EXAMPLE:



ENVIRONMENTAL CONDITIONS: NFRC 100-2001

Inside Air Temperature	Outside Air Temperature	Outside Wind Speed
21° C	-18° C	5.5 m/c

VERSAWALL 2200 SERIES THERMAL SIMULATION CHART

THERMAL SIMULATION CHARTS FOR 2200 FIBREGLASS PRESSURE PLATE

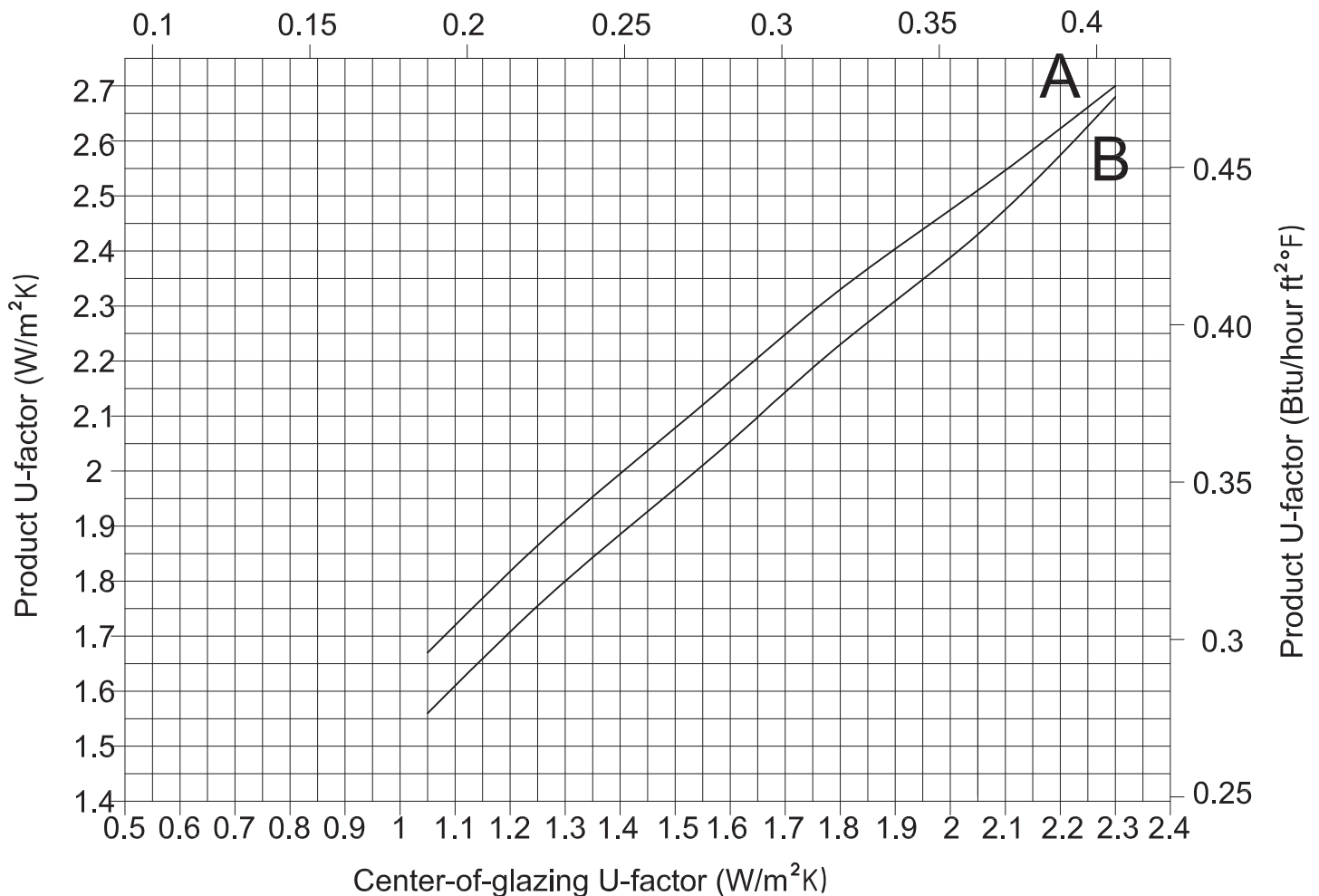
THE FOLLOWING THERMAL CHARTS ARE TO BE USED TO DETERMINE OVERALL U VALUE OF THE PRODUCT BY KNOWING U VALUE CENTER OF GLASS AND SELECTED SPACER OR DETERMINE CENTER OF GLASS U VALUE AND SPACER BY KNOWING THE PRODUCT REQUIREMENTS FOR U VALUE.

- CURVES REPRESENT INDEPENDENTLY TESTED SIMULATION RESULTS BASED ON DOUBLE GLAZING OPTIONS USING THE LOWEST (CURVE A) AND HIGHEST (CURVE B) PERFORMING SPACERS. SPACER CONDUCTANCE VALUES ARE BASED ON NFRC 100-2010 SECTION 5.9.5.1.
- SIMULATION METHODOLOGY FOLLOWED NFRC 100-2010
- SIMULATED CURTAIN WALL IS 2000mmx2000mm BETWEEN MULLION CENTERS WITH ONE VERTICAL CENTRAL MULLION AS PER NFRC100-2010 Table 4.3.
- THE CHARTS SHOULD BE USED AS A BUDGET OR DESIGN GUIDE. FOR FENESTRATION PRODUCT U-FACTOR AND RATING PURPOSES.

CHART BASED ON 1" (25.4 mm) DOUBLE GLAZED UNIT
WITH 3.2mm PVC THERMAL BREAK

EXAMPLE:

Center-of-glazing U-factor ($\text{Btu}/\text{hour ft}^2\text{°F}$)



A = double glazed with Generic Group1
-Spacer containing aluminum

B = double glazed with Generic Group4
-Spacer containing all non metallic materials

ENVIRONMENTAL CONDITIONS: NFRC 100-2001

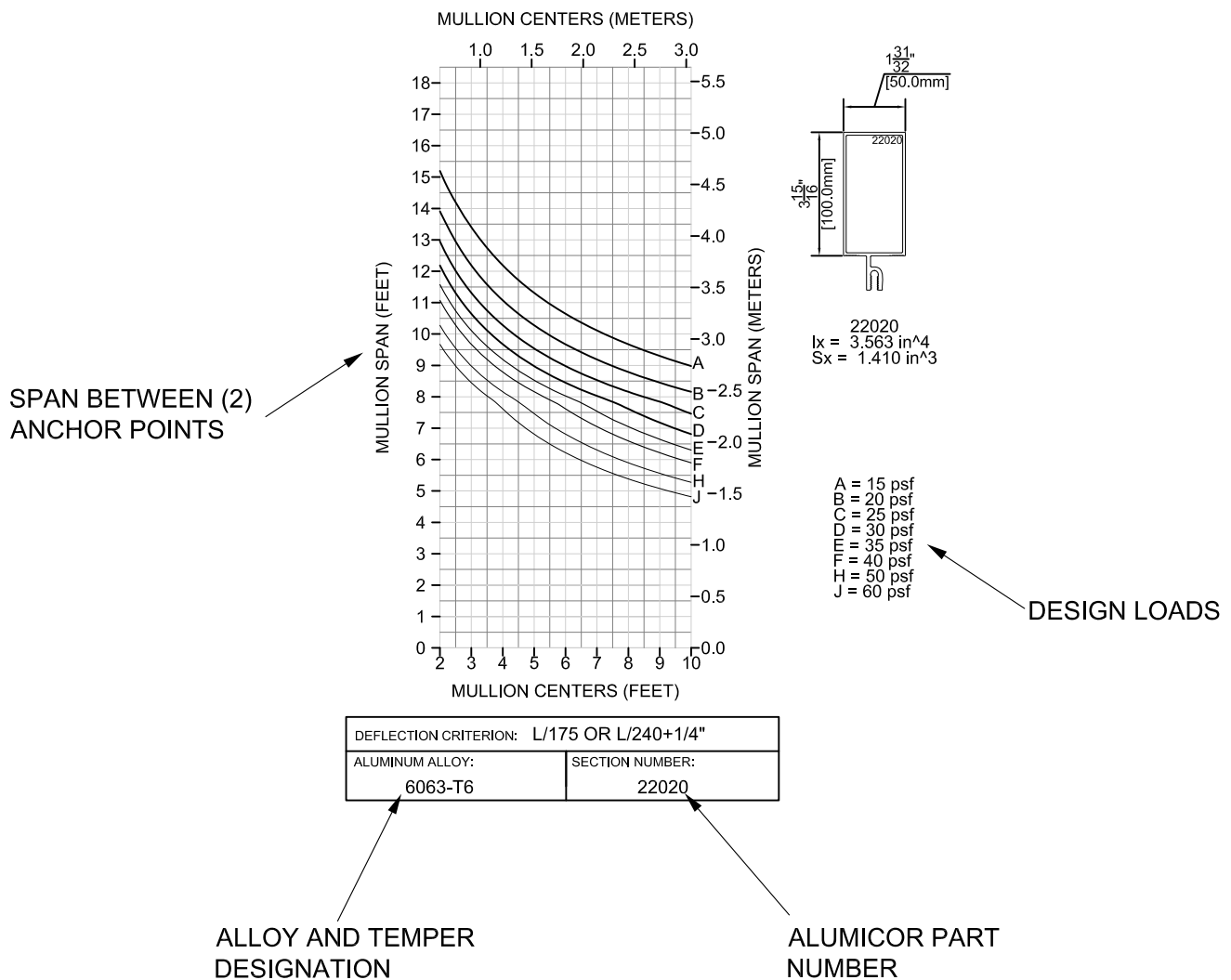
Inside Air Temperature	Outside Air Temperature	Outside Wind Speed
21° C	-18° C	5.5 m/s

VERSAWALL MIDLINE 2200 WIND LOAD CHART

THE FOLLOWING WIND LOAD CHARTS ARE TO BE USED FOR FENESTRATION DESIGNS THAT **INCORPORATE THE USE OF HORIZONTALS**. USER MUST PAY STRICT ATTENTION TO THE FOLLOWING:

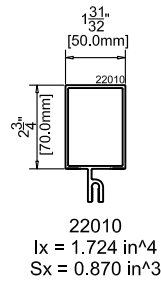
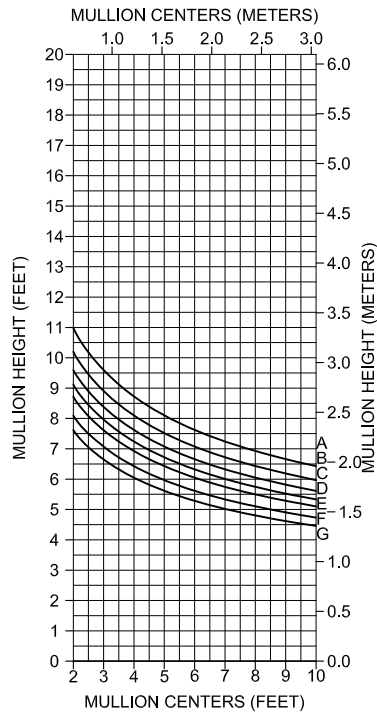
- CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED AND A LINEAR UNIFORMLY DISTRIBUTED LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. REINFORCEMENT FASTENED USING MINIMUM #12 SCREWS AT MAXIMUM 12" (304.8 mm) C.C.
- THE CHARTS SHOULD BE USED AS A BUDGET OR DESIGN GUIDE. FOR ACTUAL ENGINEERING PURPOSES THE STRUCTURAL PROPERTIES OF THE MULLIONS ARE SHOWN AS "Ix" AND "Sx"
- THE DEFLECTION CRITERION FOR THESE CHARTS IS $L/175$ OR $L/240 + 1/4"$ (6 mm)

EXAMPLE:



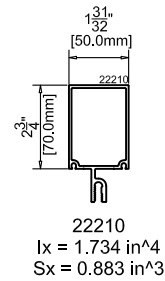
VERSAWALL MIDLINE 2200 SERIES WIND LOAD CHART

SIMPLE SPAN



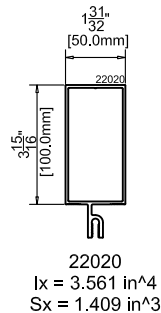
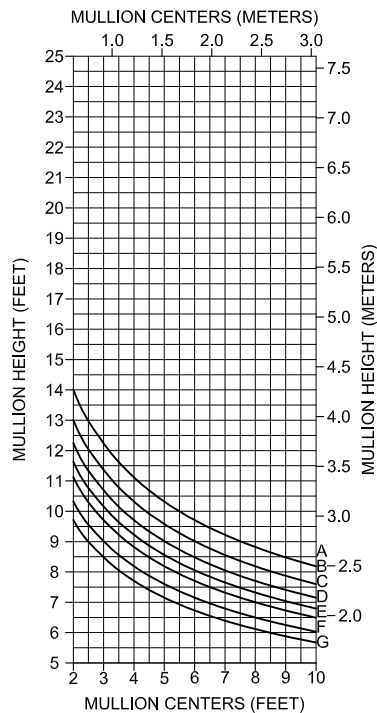
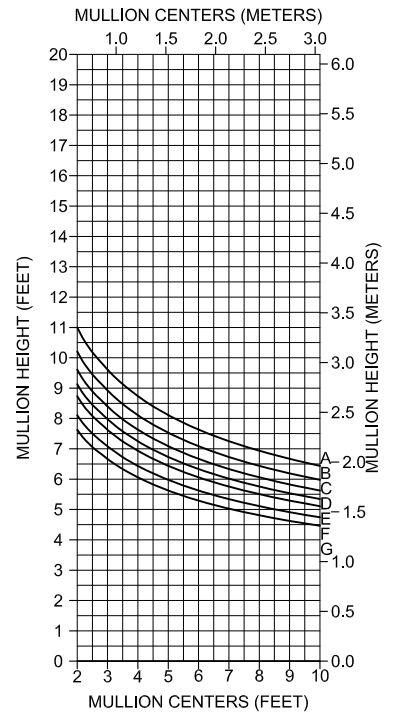
A = 20 psf
 B = 25 psf
 C = 30 psf
 D = 35 psf
 E = 40 psf
 F = 50 psf
 G = 60 psf

DEFLECTION CRITERION:	L/175
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22010



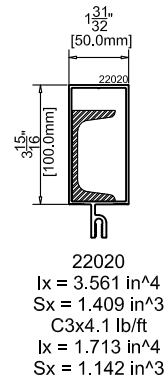
A = 20 psf
 B = 25 psf
 C = 30 psf
 D = 35 psf
 E = 40 psf
 F = 50 psf
 G = 60 psf

DEFLECTION CRITERION:	L/175
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22210



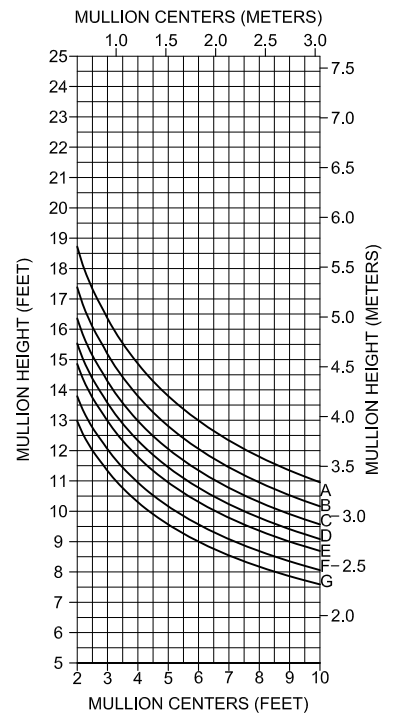
A = 20 psf
 B = 25 psf
 C = 30 psf
 D = 35 psf
 E = 40 psf
 F = 50 psf
 G = 60 psf

DEFLECTION CRITERION:	L/175
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22020



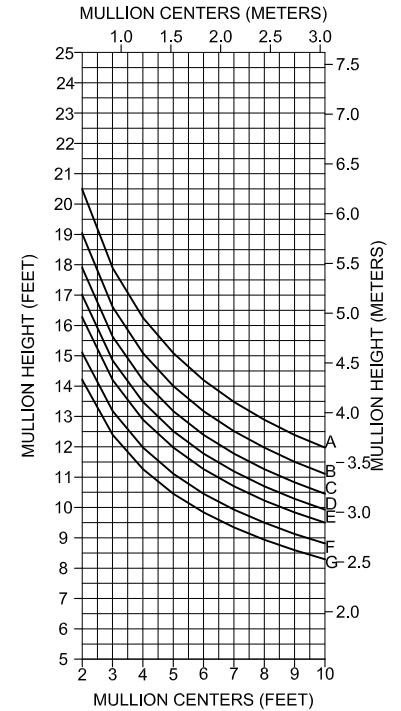
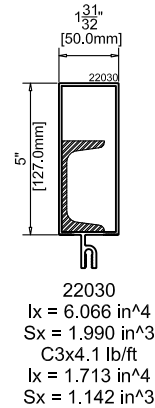
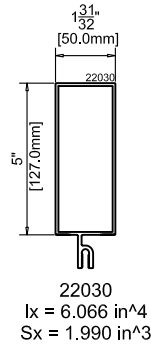
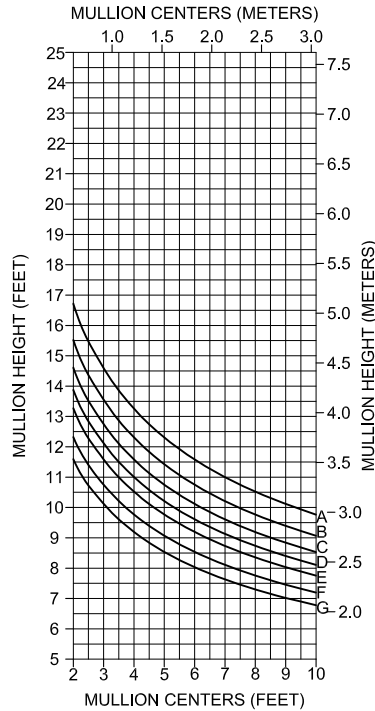
A = 20 psf
 B = 25 psf
 C = 30 psf
 D = 35 psf
 E = 40 psf
 F = 50 psf
 G = 60 psf

DEFLECTION CRITERION:	L/175
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22020C3



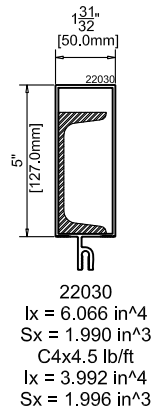
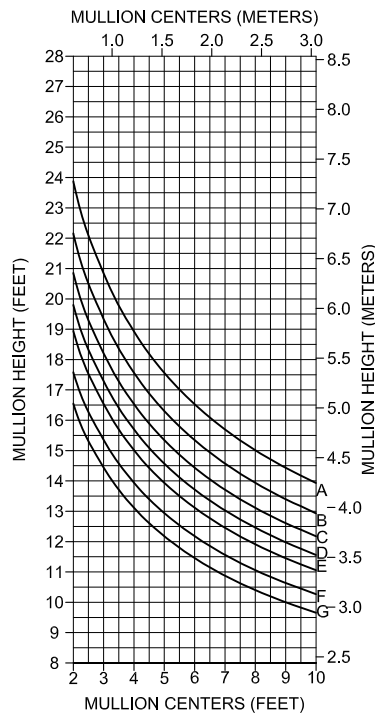
VERSAWALL MIDLINE 2200 SERIES WIND LOAD CHART

SIMPLE SPAN



DEFLECTION CRITERION:	L/175
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22030

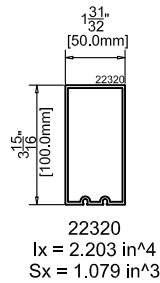
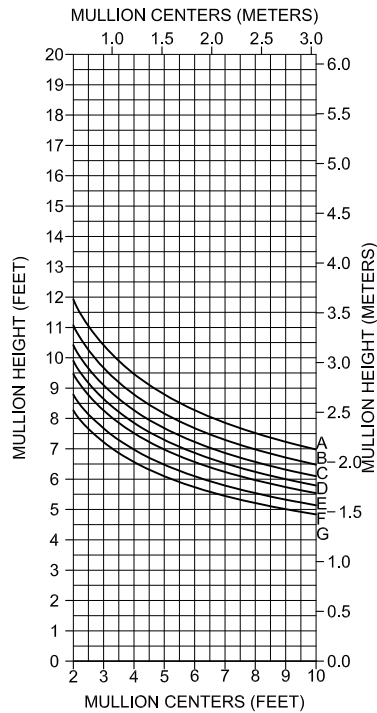
DEFLECTION CRITERION:	L/175
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22030C3



DEFLECTION CRITERION:	L/175
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22030C4

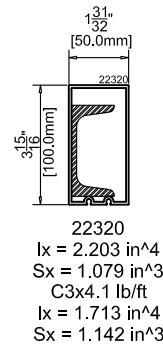
VERSAWALL MIDLINE 2200 SERIES WIND LOAD CHART

SIMPLE SPAN



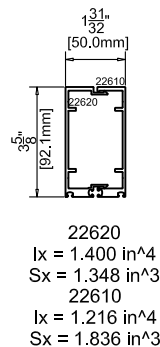
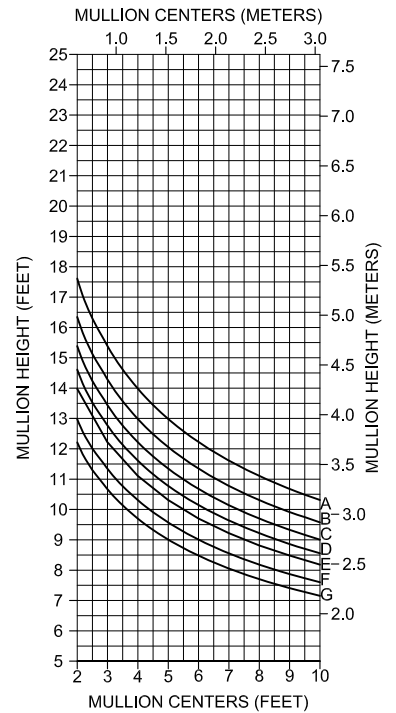
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B = 25 psf
C = 30 psf
D = 35 psf
E = 40 psf
F = 50 psf
G = 60 psf

DEFLECTION CRITERION:	L/175
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22320



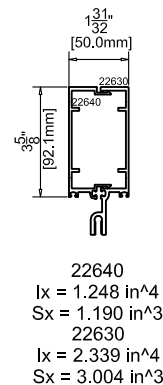
A = 20 psf
B = 25 psf
C = 30 psf
D = 35 psf
E = 40 psf
F = 50 psf
G = 60 psf

DEFLECTION CRITERION:	L/175
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22320C3



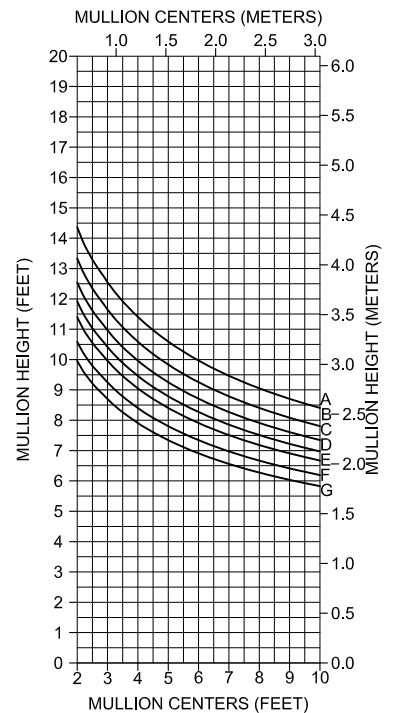
A = 20 psf
B = 25 psf
C = 30 psf
D = 35 psf
E = 40 psf
F = 50 psf
G = 60 psf

DEFLECTION CRITERION:	L/175
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22610/22620

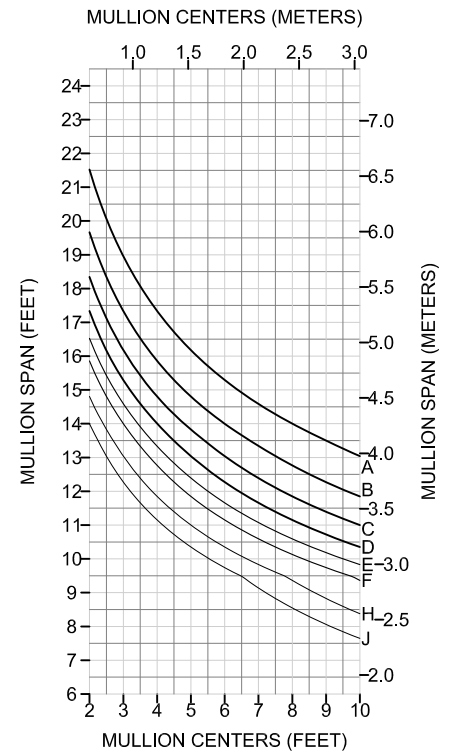
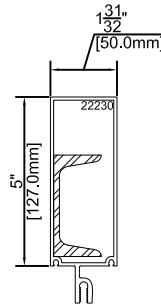
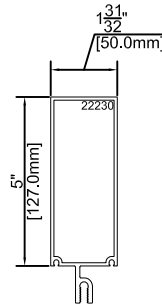
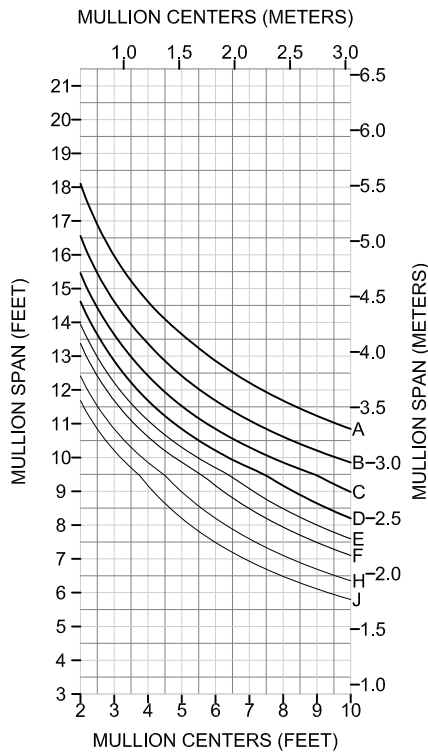


A = 20 psf
B = 25 psf
C = 30 psf
D = 35 psf
E = 40 psf
F = 50 psf
G = 60 psf

DEFLECTION CRITERION:	L/175
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22630/22640

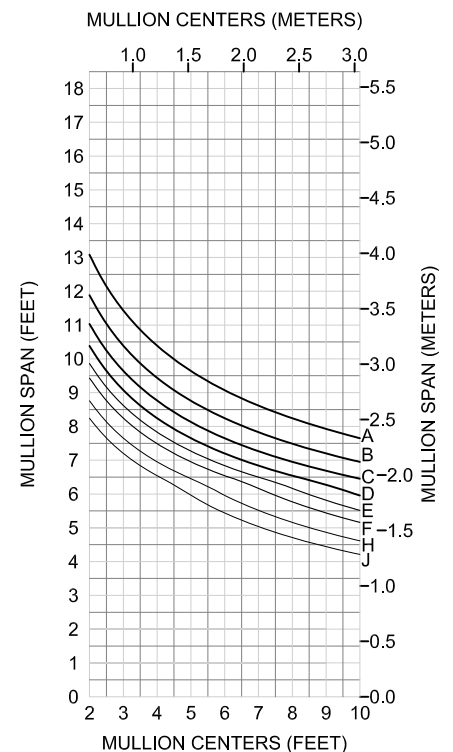
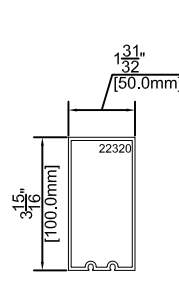
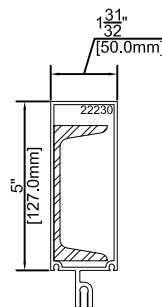
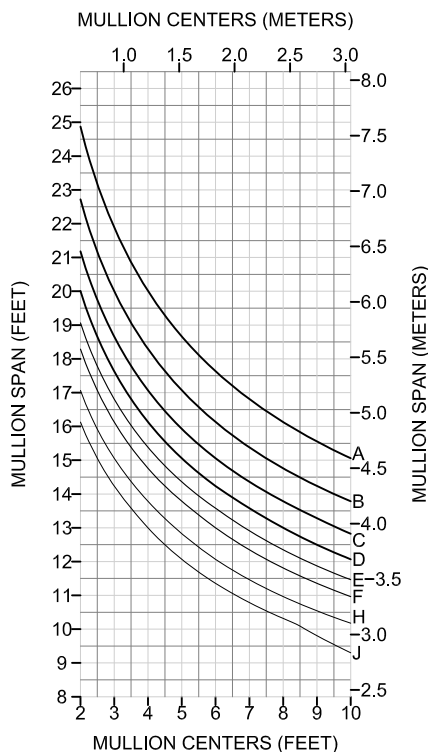


VERSAWALL MIDLINE 2200 WIND LOAD CHART



DEFLECTION CRITERION: $L/175$ OR $L/240+1/4"$	
ALUMINUM ALLOY: 6063-T6	SECTION NUMBER: 22230

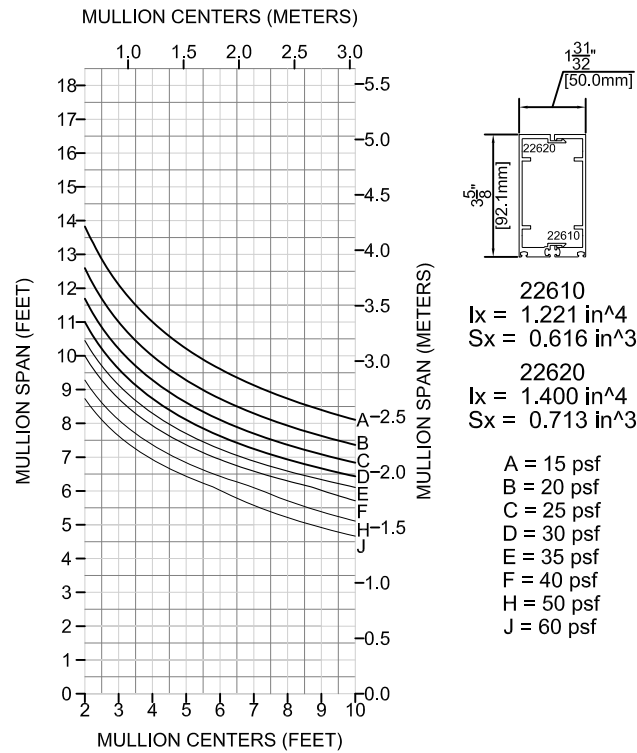
DEFLECTION CRITERION: $L/175$ OR $L/240+1/4"$	
ALUMINUM ALLOY: 6063-T6	SECTION NUMBER: 22230C3



DEFLECTION CRITERION: $L/175$ OR $L/240+1/4"$	
ALUMINUM ALLOY: 6063-T6	SECTION NUMBER: 22230C4

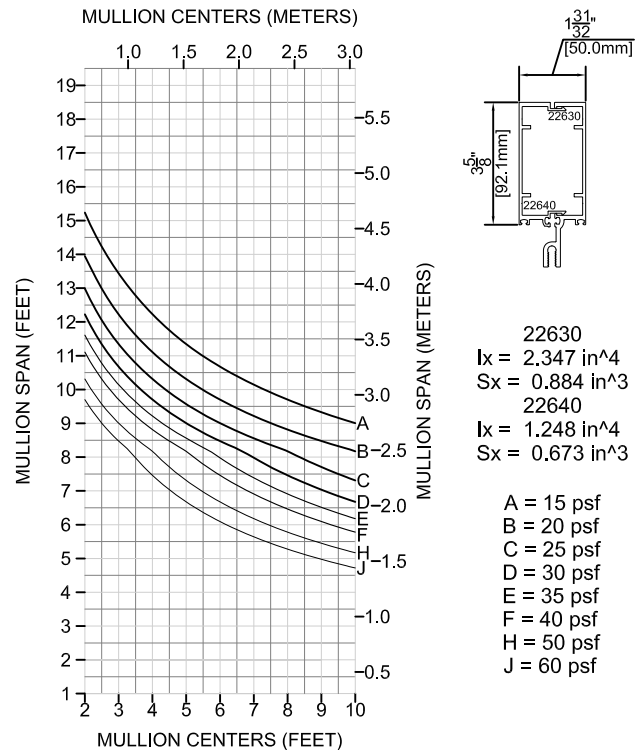
DEFLECTION CRITERION: $L/175$ OR $L/240+1/4"$	
ALUMINUM ALLOY: 6063-T6	SECTION NUMBER: 222320

VERSAWALL MIDLINE 2200 WIND LOAD CHART



DEFLECTION CRITERION: $L/175$ OR $L/240 + 1/4"$	
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22610/22620

[MAXIMUM DISTANCE BETWEEN HORIZONTAL MEMBERS 48"]



DEFLECTION CRITERION: $L/175$ OR $L/240 + 1/4"$	
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22630/22640

[MAXIMUM DISTANCE BETWEEN HORIZONTAL MEMBERS 48"]

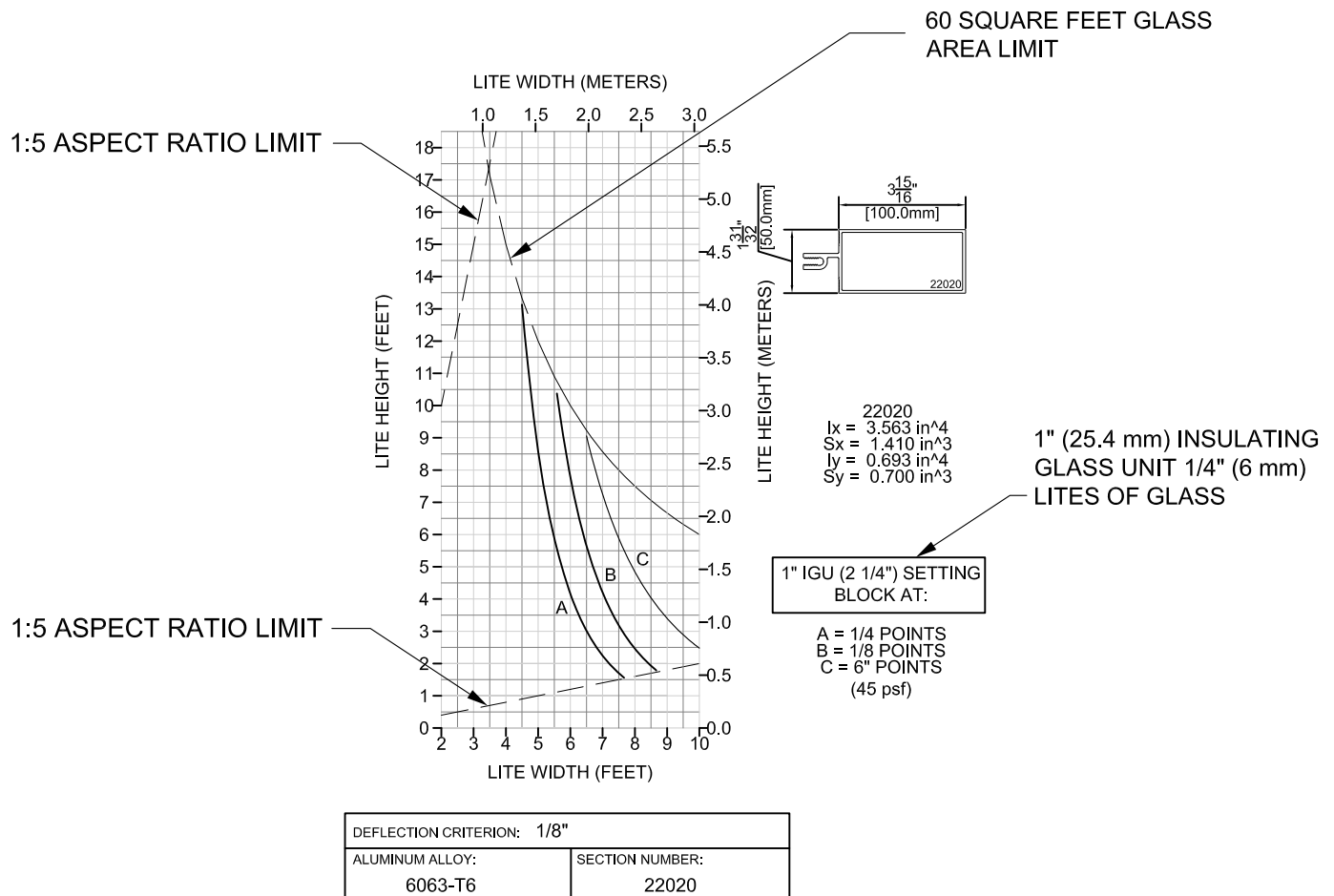
VERSAWALL MIDLINE 2200 DEAD LOAD CHART

FIXED

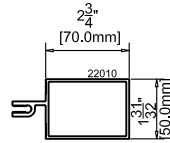
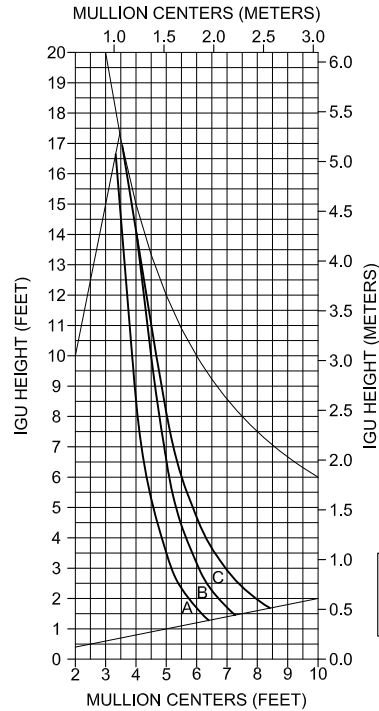
THE FOLLOWING DEAD LOAD CHARTS ARE TO BE USED FOR FENESTRATION DESIGNS THAT **INCORPORATE HORIZONTALS WHICH ARE LOCATED ABOVE A FIXED LITE**. USER MUST PAY STRICT ATTENTION TO THE FOLLOWING:

- CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED, TWO POINT DEAD LOAD AND A TRAPEZOIDAL WIND LOAD APPLIED TO A SIMPLY SUPPORTED SPAN.
- MAXIMUM WIND LOAD WILL BE AS PER THE SECTIONS WIND LOAD CHART OR A MAXIMUM THAT MAY BE SHOWN AS INDICATED AT THE SETTING BLOCK POINTS ON INDIVIDUAL CHARTS (SEE EXAMPLE)
- THE CHARTS SHOULD BE USED AS A BUDGET OR DESIGN GUIDE. FOR ACTUAL ENGINEERING PURPOSES THE STRUCTURAL PROPERTIES OF THE MULLIONS ARE SHOWN AS "Ix, Sx, Ly, Sy"
- THE DEFLECTION CRITERION FOR THESE CHARTS IS .125" (3.0 mm)
- IT IS STRONGLY RECOMMENDED THAT DESIGN PARAMETERS FALL WITHIN THE 1:5 ASPECT RATIO AND 60 sq/ft GLASS LIMIT AS NOTED ON THE CHARTS.
- GLAZING IS PRESUMED TO BE A 1" (25.4 mm) INSULATING GLASS UNIT COMPRISED OF TWO 1/4" (6 mm) LITES OF GLASS.

EXAMPLE:



VERSAWALL MIDLINE 2200 SERIES DEAD LOAD CHART

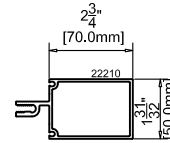


22010
 $I_x = 1.724 \text{ in}^4$
 $S_x = 0.870 \text{ in}^3$
 $I_y = 0.514 \text{ in}^4$
 $S_y = 0.518 \text{ in}^3$
 $A = 1.075 \text{ in}^2$

6mm/6mm GLAZING
 1" IGU (2 1/2") SETTING
 BLOCK AT:

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

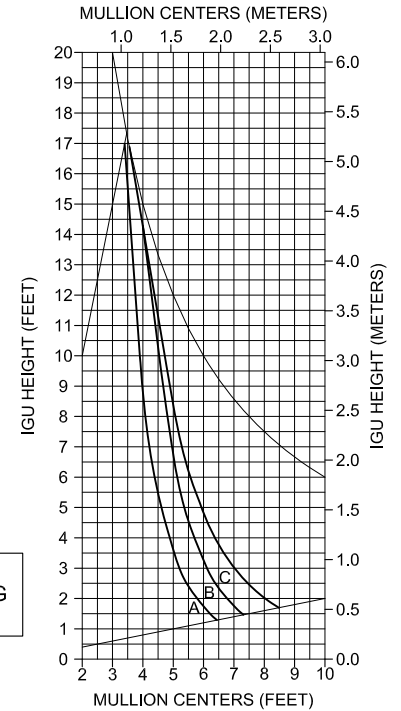
DEFLECTION CRITERION:	1/8"
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22010



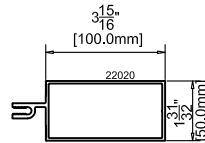
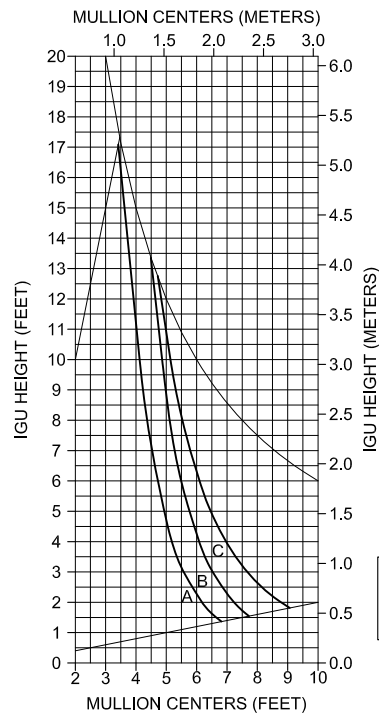
22210
 $I_x = 8.517 \text{ in}^4$
 $S_x = 2.532 \text{ in}^3$
 $I_y = 1.674 \text{ in}^4$
 $S_y = 1.339 \text{ in}^3$
 $A = 1.824 \text{ in}^2$

6mm/6mm GLAZING
 1" IGU (2 1/2") SETTING
 BLOCK AT:

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS



DEFLECTION CRITERION:	1/8"
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22210

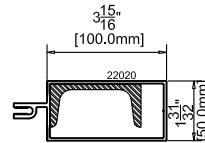


22020
 $I_x = 3.561 \text{ in}^4$
 $S_x = 1.409 \text{ in}^3$
 $I_y = 0.692 \text{ in}^4$
 $S_y = 0.699 \text{ in}^3$
 $A = 1.276 \text{ in}^2$

6mm/6mm GLAZING
 1" IGU (2 1/2") SETTING
 BLOCK AT:

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

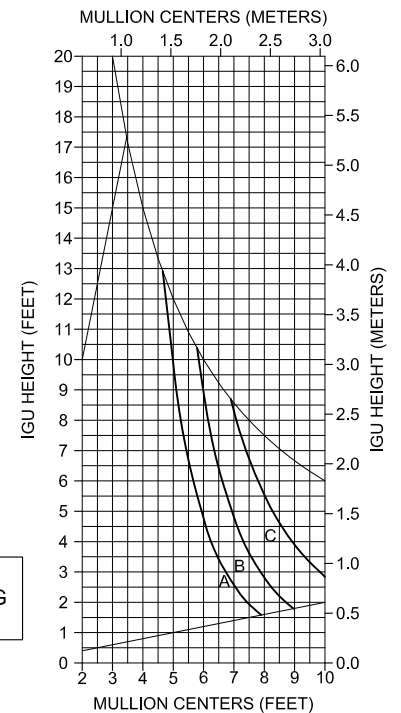
DEFLECTION CRITERION:	1/8"
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22020



22020C3
 $I_x = 8.506 \text{ in}^4$
 $S_x = 3.213 \text{ in}^3$
 $I_y = 1.451 \text{ in}^4$
 $S_y = 1.120 \text{ in}^3$
 $A = 4.866 \text{ in}^2$

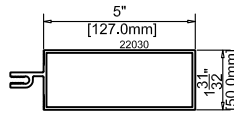
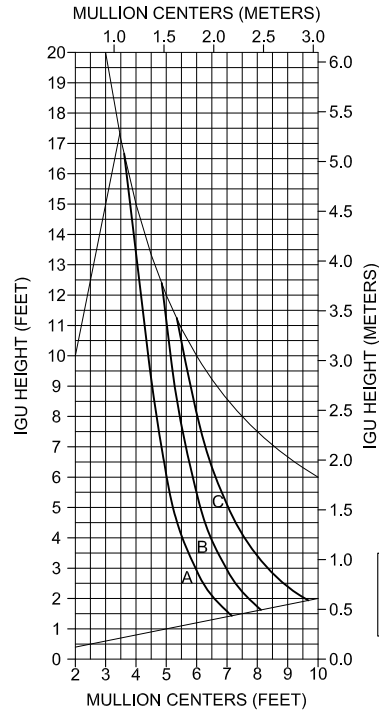
6mm/6mm GLAZING
 1" IGU (2 1/2") SETTING
 BLOCK AT:

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS



DEFLECTION CRITERION:	1/8"
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22020C3

VERSAWALL MIDLINE 2200 SERIES DEAD LOAD CHART

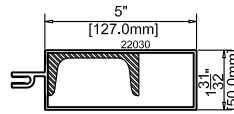
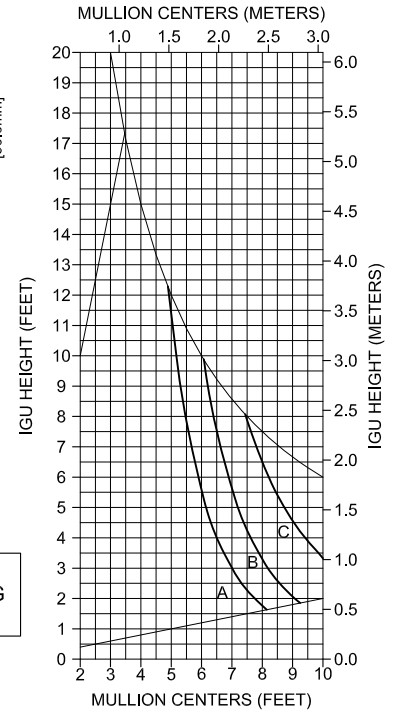


22030
 $I_x = 6.066 \text{ in}^4$
 $S_x = 1.990 \text{ in}^3$
 $I_y = 0.891 \text{ in}^4$
 $S_y = 0.898 \text{ in}^3$
 $A = 1.504 \text{ in}^2$

**6mm/6mm GLAZING
 1" IGU (2 1/2") SETTING
 BLOCK AT:**

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION:	1/8"
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22030

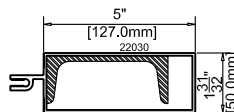
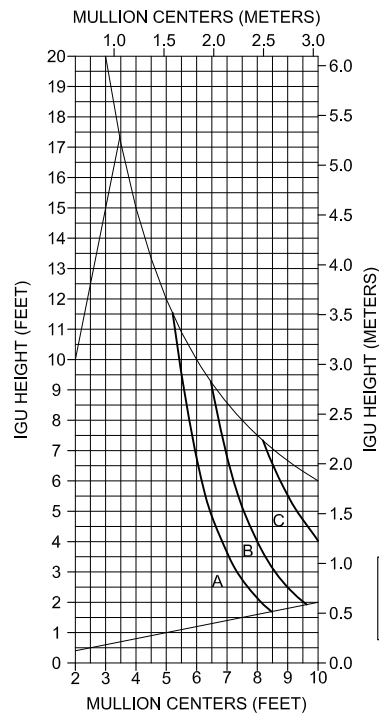


22030C3
 $I_x = 11.121 \text{ in}^4$
 $S_x = 3.370 \text{ in}^3$
 $I_y = 1.701 \text{ in}^4$
 $S_y = 1.309 \text{ in}^3$
 $A = 5.091 \text{ in}^2$

**6mm/6mm GLAZING
 1" IGU (2 1/2") SETTING
 BLOCK AT:**

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION:	1/8"
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22030C3



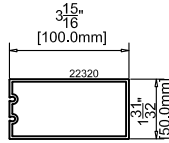
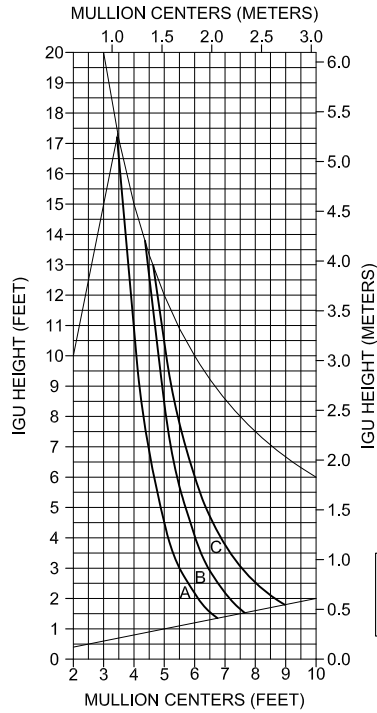
22030C4
 $I_x = 17.551 \text{ in}^4$
 $S_x = 5.563 \text{ in}^3$
 $I_y = 2.059 \text{ in}^4$
 $S_y = 1.574 \text{ in}^3$
 $A = 6.207 \text{ in}^2$

**6mm/6mm GLAZING
 1" IGU (2 1/2") SETTING
 BLOCK AT:**

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION:	1/8"
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22030C4

VERSAWALL MIDLINE 2200 SERIES DEAD LOAD CHART

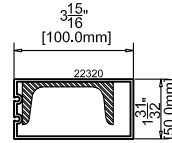


22320
 $I_x = 13.541 \text{ in}^4$
 $S_x = 3.806 \text{ in}^3$
 $I_y = 2.528 \text{ in}^4$
 $S_y = 1.618 \text{ in}^3$
 $A = 5.414 \text{ in}^2$

**6mm/6mm GLAZING
 1" IGU (2 1/2") SETTING
 BLOCK AT:**

**A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS**

DEFLECTION CRITERION:	1/8"
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22320

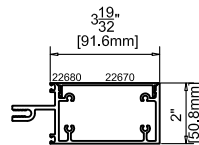
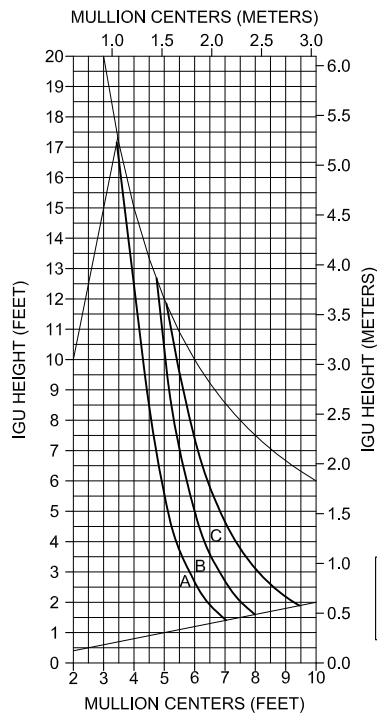


22320C3
 $I_x = 7.134 \text{ in}^4$
 $S_x = 3.339 \text{ in}^3$
 $I_y = 1.414 \text{ in}^4$
 $S_y = 1.053 \text{ in}^3$
 $A = 4.607 \text{ in}^2$

**6mm/6mm GLAZING
 1" IGU (2 1/2") SETTING
 BLOCK AT:**

**A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS**

DEFLECTION CRITERION:	1/8"
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22320C3



22670/22680
 $I_x = 0.814 \text{ in}^4$
 $S_x = 1.580 \text{ in}^3$
 $I_y = 4.142 \text{ in}^4$
 $S_y = 0.810 \text{ in}^3$
 $A = 1.696 \text{ in}^2$

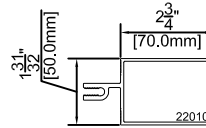
**6mm/6mm GLAZING
 1" IGU (2 1/2") SETTING
 BLOCK AT:**

**A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS**

DEFLECTION CRITERION:	1/8"
ALUMINUM ALLOY:	SECTION NUMBER:
6063-T6	22670/22680

VERSAWALL MIDLINE 2200 DEAD LOAD CHART

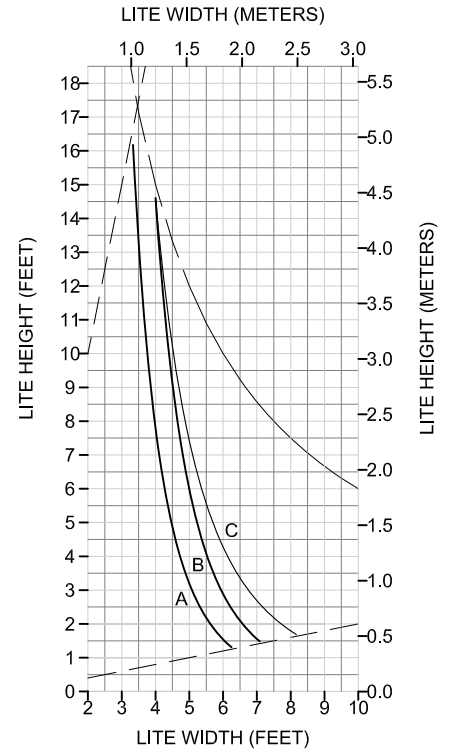
OPERABLE



22010
 $I_x = 1.726 \text{ in}^4$
 $S_x = 0.871 \text{ in}^3$
 $I_y = 0.514 \text{ in}^4$
 $S_y = 0.519 \text{ in}^3$

1" IGU (2 1/4")
 SETTING BLOCK AT:

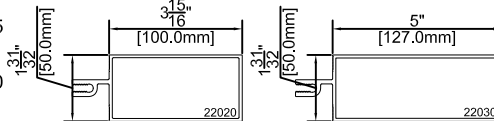
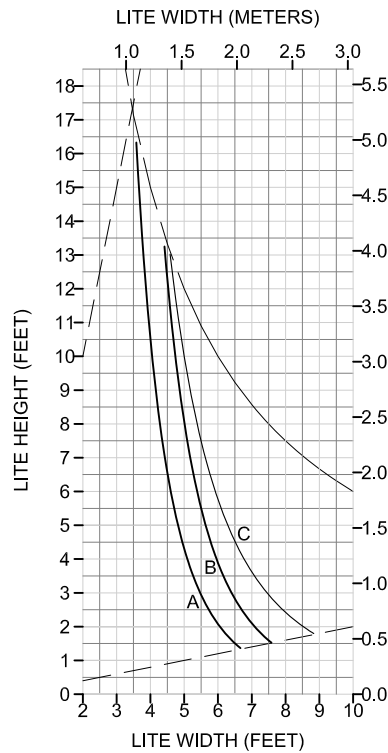
A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS
 (58 psf)



DEFLECTION CRITERION: 1/16"

ALUMINUM ALLOY:
 6063-T6

SECTION NUMBER:
 22010



22020
 $I_x = 3.563 \text{ in}^4$
 $S_x = 1.410 \text{ in}^3$
 $I_y = 0.693 \text{ in}^4$
 $S_y = 0.700 \text{ in}^3$

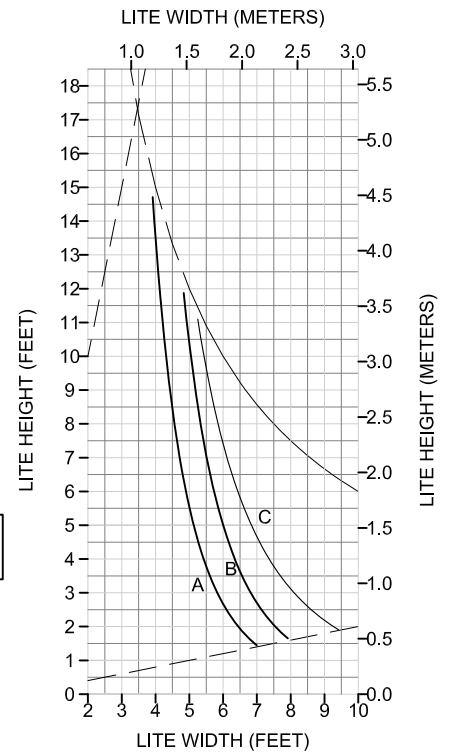
1" IGU (2 1/4")
 SETTING BLOCK AT:

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

22030
 $I_x = 6.069 \text{ in}^4$
 $S_x = 1.991 \text{ in}^3$
 $I_y = 0.891 \text{ in}^4$
 $S_y = 0.898 \text{ in}^3$

1" IGU (2 1/4")
 SETTING BLOCK AT:

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS



DEFLECTION CRITERION: 1/16"

ALUMINUM ALLOY:
 6063-T6

SECTION NUMBER:
 22020

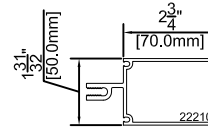
DEFLECTION CRITERION: 1/16"

ALUMINUM ALLOY:
 6063-T6

SECTION NUMBER:
 22030

VERSAWALL MIDLINE 2200 DEAD LOAD CHART

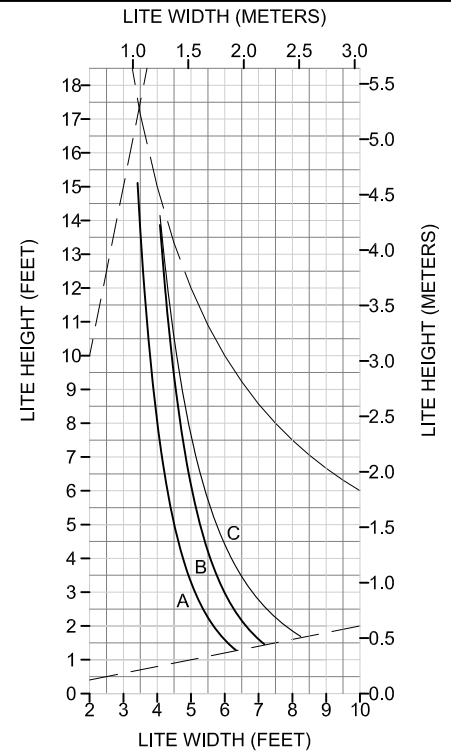
OPERABLE



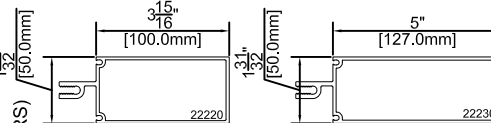
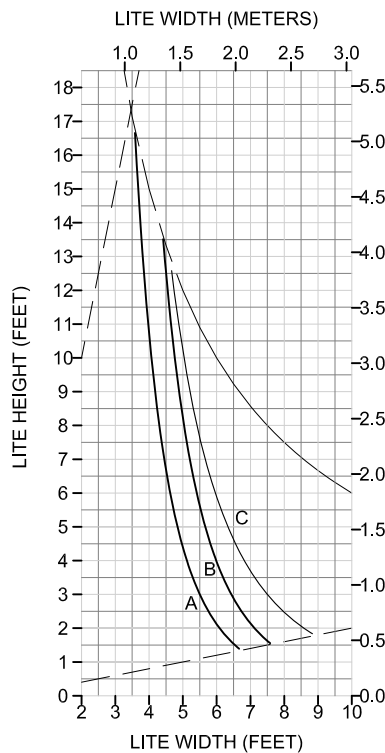
22210
 $I_x = 1.736 \text{ in}^4$
 $S_x = 0.883 \text{ in}^3$
 $I_y = 0.530 \text{ in}^4$
 $S_y = 0.533 \text{ in}^3$

1" IGU (2 1/4")
 SETTING BLOCK AT:

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS
 (57 psf)



DEFLECTION CRITERION: 1/16"	
ALUMINUM ALLOY: 6063-T6	SECTION NUMBER: 22210



22220
 $I_x = 3.598 \text{ in}^4$
 $S_x = 1.422 \text{ in}^3$
 $I_y = 0.707 \text{ in}^4$
 $S_y = 0.713 \text{ in}^3$

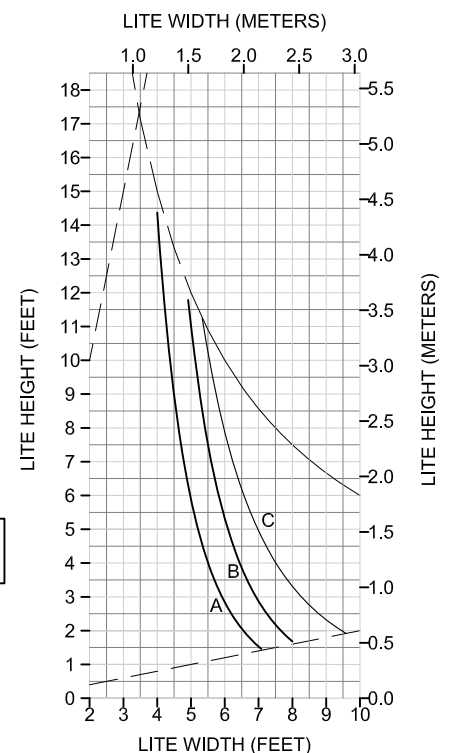
1" IGU (2 1/4")
 SETTING BLOCK AT:

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

22230
 $I_x = 6.277 \text{ in}^4$
 $S_x = 2.044 \text{ in}^3$
 $I_y = 0.947 \text{ in}^4$
 $S_y = 0.956 \text{ in}^3$

1" IGU (2 1/4")
 SETTING BLOCK AT:

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS
 (54 psf)
 (29 psf)

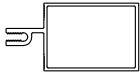
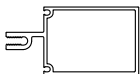


DEFLECTION CRITERION: 1/16"	
ALUMINUM ALLOY: 6063-T6	SECTION NUMBER: 22220

DEFLECTION CRITERION: 1/16"	
ALUMINUM ALLOY: 6063-T6	SECTION NUMBER: 22230

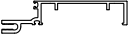
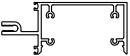
VERSAWALL MIDLINE 2200

COMPONENTS

PART	PART NO.	DESCRIPTION	NOTES
	22010	1 31/32" X 2 3/4" (50.0 mm X 70.0 mm) MULLION OR HORIZONTAL WET GLAZED	
	22020	1 31/32" X 3 15/16" (50.0 mm X 100.0 mm) MULLION OR HORIZONTAL WET GLAZED WIND LOAD CHART	
	22030	1 31/32" X 5" (50.8 mm X 127.0 mm) MULLION OR HORIZONTAL WET GLAZED WIND LOAD CHART	
	22210	1 31/32" X 2 3/4" (50.0 mm X 70.0 mm) MULLION OR HORIZONTAL DRY GLAZED WIND LOAD CHART	
	22220	1 31/32" X 3 15/16" (50.0mm X 100.0 mm) MULLION OR HORIZONTAL DRY GLAZED WIND LOAD CHART	
	22230	1 31/32" X 5" (50.0 mm X 127 mm) MULLION OR HORIZONTAL DRY GLAZED WIND LOAD CHART	
	22320	1 31/32" X 3 15/16" (50.0 mm X 100.0 mm) SSG MULLION WIND LOAD CHART	
APRIL 2010	ALUMICOR LIMITED WINNIPEG • TORONTO • MONTREAL • HALIFAX		PAGE: 1.6.9.1

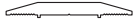
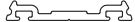
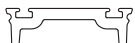
VERSAWALL MIDLINE 2200

COMPONENTS

PART	PART NO.	DESCRIPTION	NOTES
	22610	1 31/32" X 3 5/8" (50.0 mm X 92.0 mm) FEMALE SPLIT MULLION STRUCTURAL SILICONE GLAZED	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	22620	1 31/32" X 3 5/8" (50.0 mm X 92.0 mm) MALE SPLIT MULLION STRUCTURAL SILICONE GLAZED	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	22630	1 31/32" X 3 5/8" (50.0 mm X 92.0 mm) FEMALE SPLIT MULLION	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	22640	1 31/32" X 3 5/8" (50.0 mm X 92.0 mm) MALE SPLIT MULLION	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	22670	1 31/32" X 3 5/8" (50.0 mm X 92.0 mm) HORIZONTAL	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	22680	1 31/32" X 3 5/8" (50.0 mm X 92.0 mm) SNAP-IN HORIZONTAL CLOSURE	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
APRIL 2010	ALUMICOR LIMITED WINNIPEG • TORONTO • MONTREAL • HALIFAX		PAGE: 1.6.9.2

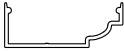
VERSAWALL MIDLINE 2200

COMPONENTS

PART	PART NO.	DESCRIPTION	NOTES
	22080	1 31/32" (50.0 mm) SLOPED PRESSURE PLATE WET SEAL	
	22090	1 31/32" (50.0 mm) PUNCHED PRESSURE PLATE DRY SEAL	USE PART #2219 TO ORDER WITHOUT PRE-PUNCHED HOLES
	_____	3 15/16" (100.0 mm) PUNCHED PRESSURE PLATE DRY SEAL	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	_____	1 31/32" (50.0 mm) PRESSURE PLATE WET SEAL	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	2200-137	PRESSURE PLATE WITH FINS	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	2250901	FIBREGLASS PRESSURE PLATE COVER COMES WITH PRE-PUNCHED SCREW HOLES	CONTACT YOUR ALUMICOR REPRESENTATIVE FOR SAFTEY DATA SHEET
	22050	1 31/32" X 3/4" (50.0 mm X 19.0 mm) PRESSURE PLATE COVER	
	22070	1 31/32" X 1 1/4" (50.0 mm X 31.8 mm) PRESSURE PLATE COVER	
	_____	1 31/32" X 1 3/4" (50.0 mm X 43.7 mm) PRESSURE PLATE COVER	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	JC 1	1 31/32" X 2 1/2" (50.0 mm X 63.5 mm) PRESSURE PLATE COVER	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	JC 5	1 31/32" X 3 1/4" (50.0 mm X 82.6 mm) PRESSURE PLATE COVER	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES

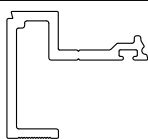
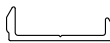
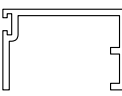
VERSAWALL MIDLINE 2200

COMPONENTS

PART	PART NO.	DESCRIPTION	NOTES
	—	3 15/16" X 3/4" (100.0 mm X 19.0 mm) PRESSURE PLATE COVER	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	—	1 31/32" X 3/4" (50.0 mm X 19.0 mm) PRESSURE PLATE COVER	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	—	1 31/32" X 3/4" (50.0 mm X 19.0 mm) PRESSURE PLATE COVER	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	—	1 31/32" X 3/4" (50.0 mm X 19.0 mm) PRESSURE PLATE COVER	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	AC-D1	1 31/32" X 3/4" (50mm X 19.1mm) DOUBLE OGEE PRESSURE PLATE CAP FOR MULLIONS AND HORIZONTALS	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	AC-D5	1 31/32" X 3/4" (50mm X 19.1mm) OGEE PRESSURE PLATE CAP FOR PERIMETER	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	2200-174	1 1/8" (28.6 mm) DEEP PRESSURE PLATE CAP	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	2200-175	1 1/8" (28.6 mm) DEEP PRESSURE PLATE CAP	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	2200-176R	3/4" (19.1 mm) DEEP PRESSURE PLATE CAP	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES

VERSAWALL MIDLINE 2200

COMPONENTS

PART	PART NO.	DESCRIPTION	NOTES
	22100	DOOR ADAPTOR	
	25480	THERMALLY BROKEN DOOR ADAPTER	
	22450	1 31/32" (50.0 mm) FLUSH DOOR ADAPTOR CAP	
	22490	1 31/32" (50.0 mm) FLUSH DOOR ADAPTOR BASE	
	22120	SINGLE GLAZING ADAPTOR WET SEAL	
	24330	1 1/2" X 1/2" (38.1 mm X 12.7 mm) DOOR STOP BASE	MILL FINISH FOR USE WITH 24320 & 24420 DOOR STOP CAP
	24320	1 1/2" X 1/2" (38.1 mm X 12.7 mm) DOOR STOP CAP	FOR USE WITH M115 PILE PART #5000501
	24420	1 1/2" X 5/8" (38.1 mm X 15.9 mm) GEAR HINGE DOOR STOP CAP	FOR USE WITH M115 PILE PART #5000501
	24340	1 3/4" X 1 1/8" (43.7 mm X 28.6 mm) CONCEALED CLOSER DOOR STOP	FOR USE WITH M115 PILE PART #5000501
	4300	3/4" X 1/2" (19.0 mm X 12.7 mm) DOOR STOP BASE	FOR USE WITH M115 PILE PART #5000501
	4310	3/4" X 1/2" (19.0 mm X 12.7 mm) DOOR STOP CAP	
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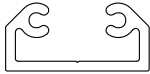
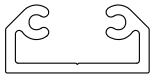
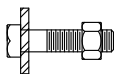
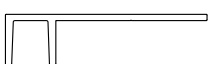
VERSAWALL MIDLINE 2200

COMPONENTS

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VERSAWALL MIDLINE 2200

COMPONENTS

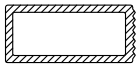
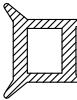
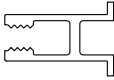
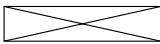
PART	PART NO.	DESCRIPTION	NOTES
	2251000	SHEAR BLOCK	EACH MILL FINISH FOR USE WITH 2 3/4" (70.0 mm) MULLIONS USE #10 X 1/2" PHS ON BACK BAR, #12 X 3/4" FHS ON HORIZONTALS
	2251100	SHEAR BLOCK	EACH MILL FINISH FOR USE WITH 3 15/16" (100.0 mm) MULLIONS USE #10 X 1/2" PHS ON BACK BAR, #12 X 3/4" FHS ON HORIZONTALS
	2251300	SHEAR BLOCK	EACH MILL FINISH FOR USE WITH 5" (127.0 mm) MULLIONS USE #10 X 1/2" PHS ON BACK BAR, #12 X 3/4" FHS ON HORIZONTALS
	2251200	MULLION ANCHOR ASSEMBLY 1/2" X 2" HEX HEAD BOLT 1/4" STEEL PLATE	EACH PRIMER PAINTED
	2252101	PRESSURE PLATE SCREWS 1/4" - 20 X 3/4" RHS STAINLESS STEEL SOCKET MACHINE SCREWS	100 PCS PER PACKAGE
	2253101	PRESSURE PLATE SCREWS 1/4" - 20 X 7/8" FHS STAINLESS STEEL SOCKET MACHINE SCREWS	100 PCS PER PACKAGE
	2255101	SHEAR BLOCK SCREWS # 12 X 3/4" FHS UC SOCKET SELF TAPPING, ZINC PLATED	100 PCS PER PACKAGE
	7235101	SHEAR BLOCK SCREWS #10 X 5/8" PHS TEK2 ZINC PLATED	400 PCS PER PACKAGE
	7237101	SHEAR BLOCK SCREWS # 10 X 1/2" PHS ZINC PLATED	400 PCS PER PACKAGE
	2256101	# 8 X 3/4" PHS TEK3 ZINC PLATED	500 PCS PER PACKAGE
	25550	"F" ANCHOR	24' (7.32 M) STOCK LENGTH
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COMPONENTS

[illegible]

VERSAWALL MIDLINE 2200

COMPONENTS

PART	PART NO.	DESCRIPTION	NOTES
	2244101	THERMAL BARRIER	300' (91.4 M) PER ROLL FOR 1 31/32" (50.0 mm) SSG
	2250003	THERMAL BARRIER	400' (152.4 M) PER ROLL FOR 1" (25.4 mm) GLAZING
	2249903	GLAZING SPLINE PRESSURE PLATE EPDM	500' (152.4 M) PER ROLL SOLD PER FOOT
	2552003	INTERIOR GLAZING SPLINE EPDM	
	2250403	POCKET FILLER 1" X 1/2" (25.4 mm X 12.7 mm) RIGID PVC	24' (7.3 M) LENGTH
	2250503	POLYSHIM TAPE 1/8" (3.2 mm) SPACER	40' (12.1 M) PER ROLL
	2250303	CORNER PLUG EPDM	EACH
	2250203	CORNER PLUG FOR SSG RIGID PVC	EACH
	2250603	PVC SETTING BLOCK 1/4" X 1 1/8" (6.4 mm X 28.6 mm)	50 PCS PER PACKAGE 4" (101.6 mm) LONG
	5000501	M115 MOHAIR WEATHER STRIPPING	FOR USE WITH 24320, 24340 & 4300 DOOR STOP SEALS 1500' (457.2 M) PER ROLL SOLD PER FOOT

JANUARY
2012

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VERSAWALL MIDLINE 2200

COMPONENTS

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