

## **Features**

- Trifab® 601/601T/601UT Framing System is 6" (152.4) deep with a 2" (50.8) sightline
- Center Plane glass applications
- Flush glazed from either the inside or outside
- Screw Spline fabrication
- Dual IsoLock® lanced and debridged thermal break
- Infill options up to 1-1/8" (28.6) thickness
- High performance sill flashing
- Permanodic® anodized finishes in seven choices
- Painted finishes in standard and custom choices

## **Optional Features**

- Acoustical rating per AAMA 1801 and ASTM E 1425
- Project specific U-factors (See Thermal Charts)
- Integrates with Versoleil® SunShade Outrigger System and Horizontal Single Blade System
- Profit\$Maker® Plus die sets

## **Product Applications**

- Storefront, Ribbon Window or Punched Openings
- Single-span
- Integrated entrance framing allowing Kawneer standard entrances or other specialty entrances to be incorporated
- Kawneer windows, or GLASSvent® Windows for Storefront Framing, or GLASSvent® UT Windows are easily incorporated

For specific product applications,  
consult your Kawneer representative.

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Metric (SI) conversion figures are included throughout these details for reference. Numbers in parentheses ( ) are millimeters unless otherwise noted.

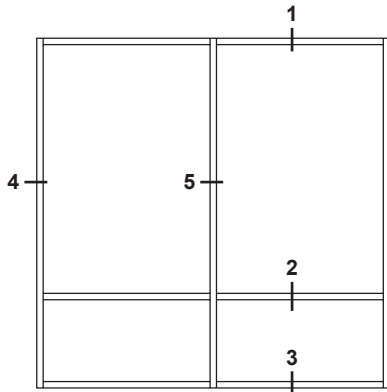
The following metric (SI ) units are found in these details:

- m – meter
- cm – centimeter
- mm – millimeter
- s – second
- Pa – pascal
- MPa – megapascal

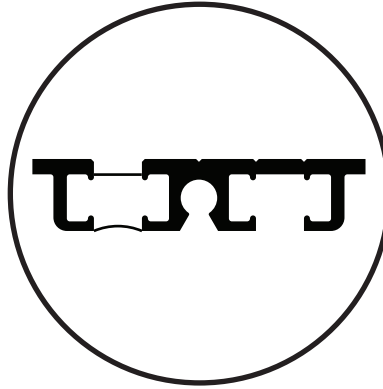
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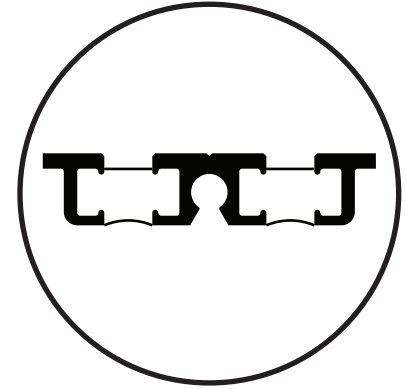
Additional information and CAD details are available at [www.kawneer.com](http://www.kawneer.com)



ELEVATION IS NUMBER KEYED TO DETAILS

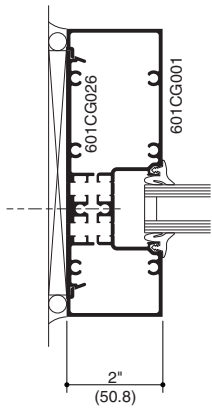


Trifab® 601T IsoLock®  
THERMAL BREAK

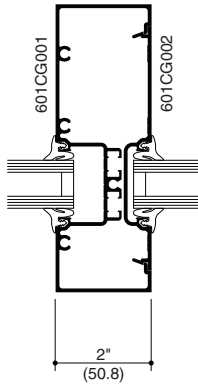


Trifab® 601UT DUAL IsoLock®  
THERMAL BREAK

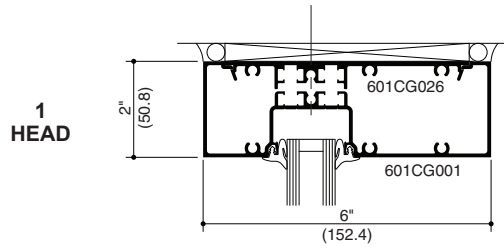
## SCREW SPLINE



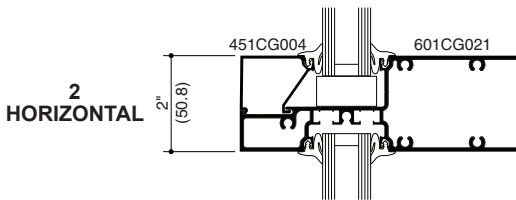
4  
JAMB



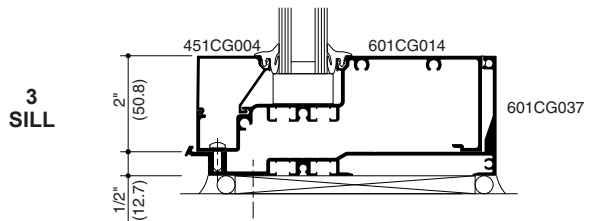
5  
VERTICAL



1  
HEAD



2  
HORIZONTAL

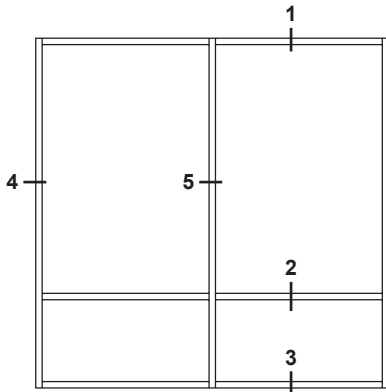


3  
SILL

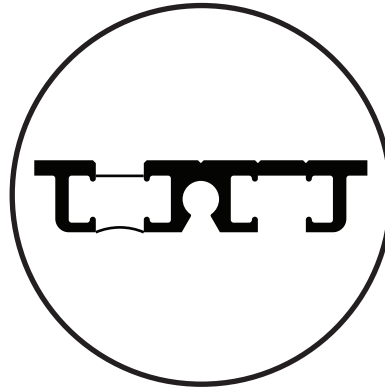
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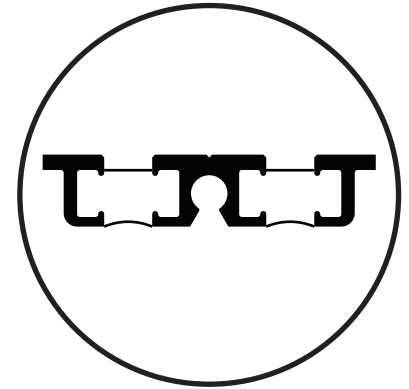
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ELEVATION IS NUMBER KEYED TO DETAILS

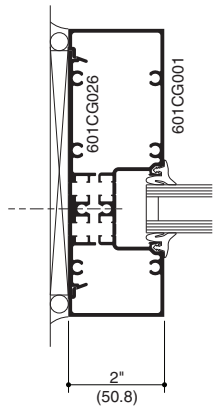


Trifab® 601T IsoLock®  
THERMAL BREAK

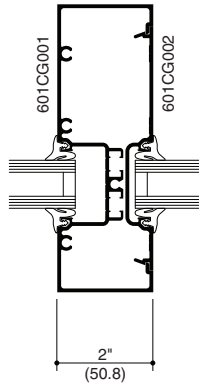


Trifab® 601UT DUAL IsoLock®  
THERMAL BREAK

## SCREW SPLINE

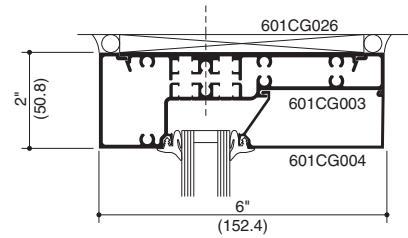


4  
JAMB

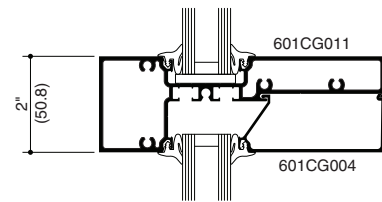


5  
VERTICAL

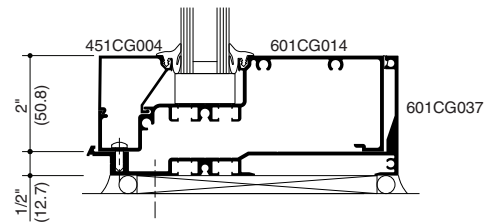
1  
HEAD



2  
HORIZONTAL



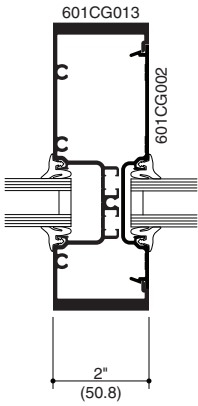
3  
SILL



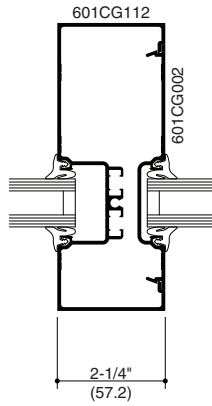
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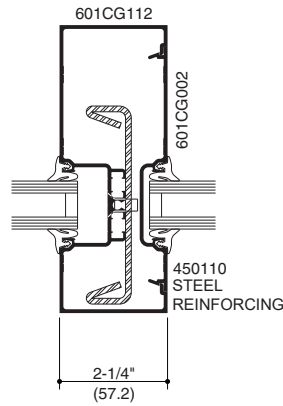
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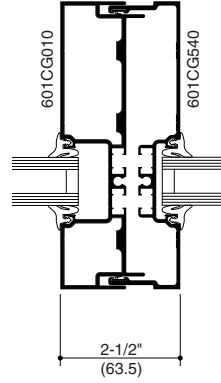
**2" (50.8) HEAVY WALL MULLION**



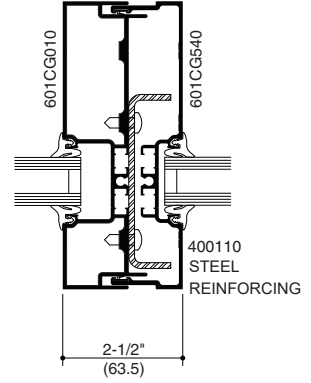
**2-1/4" (57.2) MULLION**



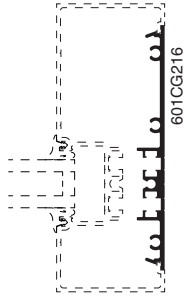
**2-1/4" (57.2) MULLION WITH STEEL**



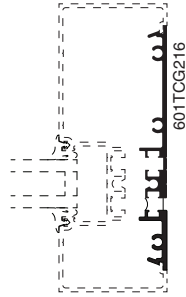
**TUBULAR EXPANSION MULLION**



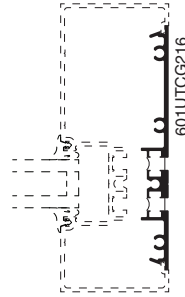
**TUBULAR EXPANSION MULLION WITH OPTIONAL STEEL**



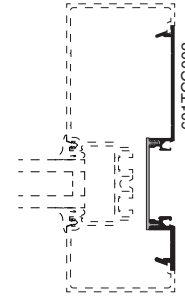
**FLAT FILLER**



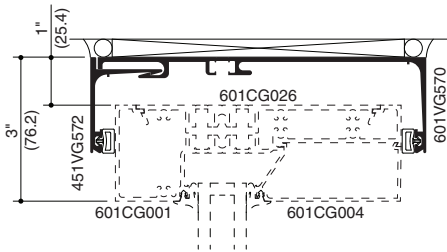
**THERMAL FLAT FILLER**



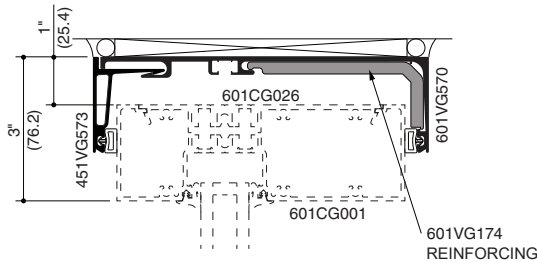
**ULTRA THERMAL FLAT FILLER**



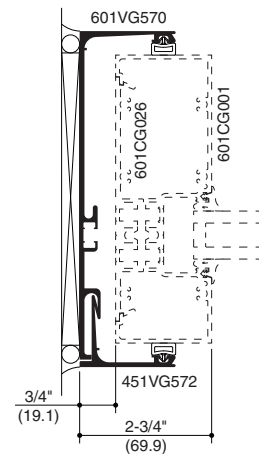
**THERMAL POCKET FILLER**



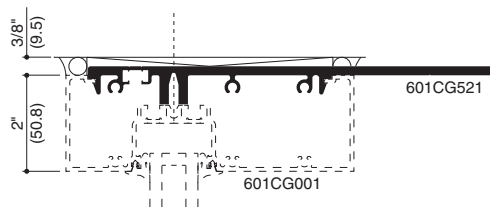
**STANDARD HEAD RECEPTOR (EXTERIOR INSTALLED)**



**HEAVY WEIGHT HEAD RECEPTOR (EXTERIOR INSTALLED)**



**JAMB RECEPTOR (EXTERIOR INSTALLED)**



**STRAP ANCHOR**

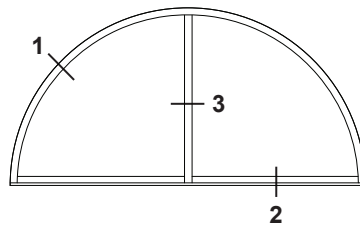
ADMC070EN

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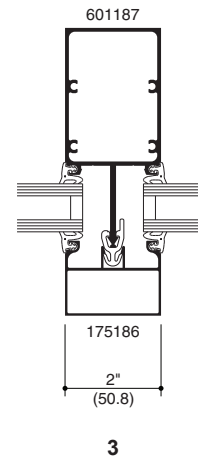
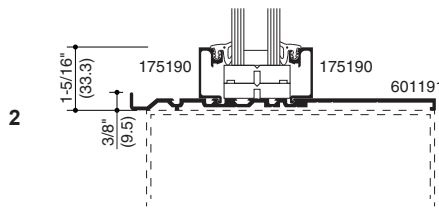
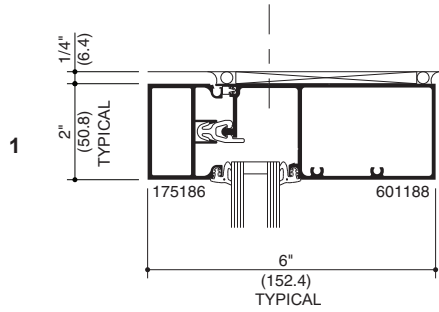
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**CURVING DETAILS**

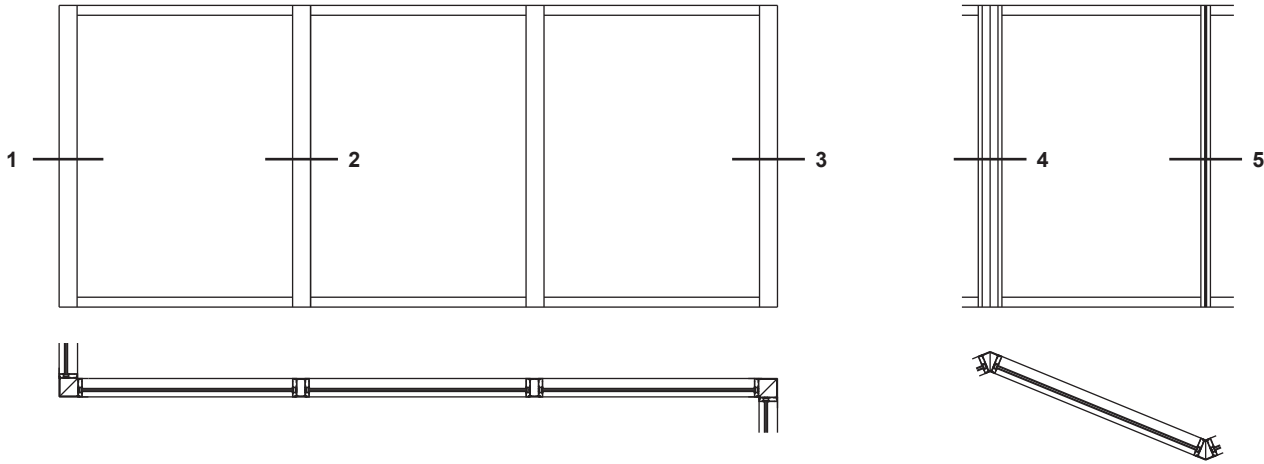


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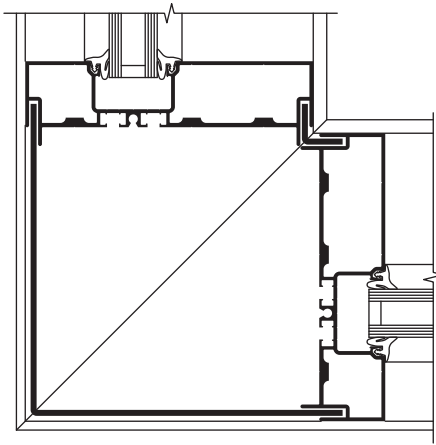
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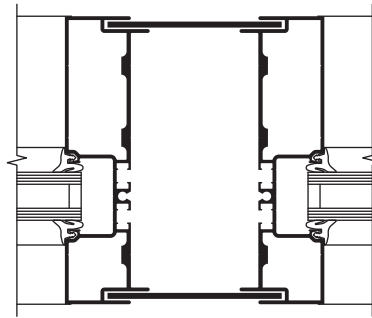
THESE DETAILS ARE TYPICAL FOR ALL 601, 601T, AND 601UT CONDITIONS.



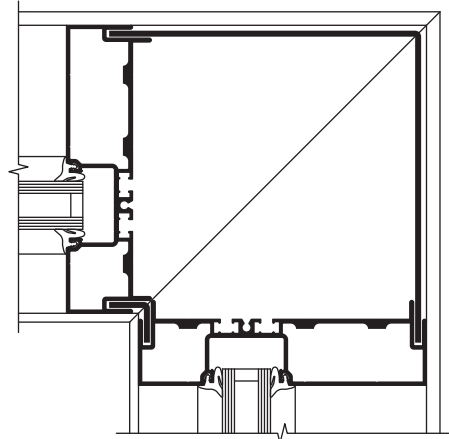
NOTE: 1" (25.4) infill shown.



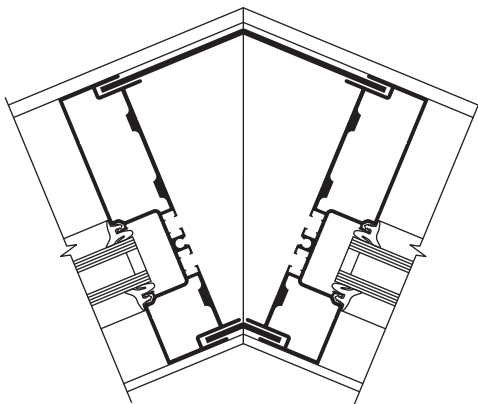
1  
OUTSIDE 90°  
CORNER



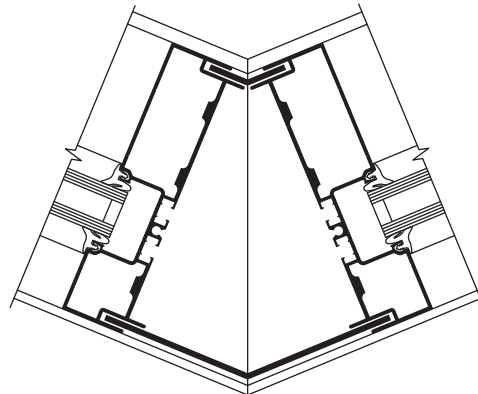
2  
6" (152.4)  
MULLION POST



3  
INSIDE 90°  
CORNER



4  
INSIDE 135°  
CORNER



5  
OUTSIDE 135°  
CORNER

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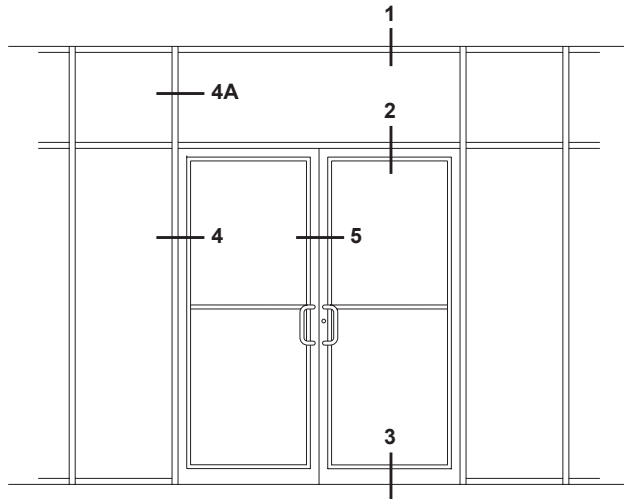


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Trifab® 601T FRAMING INCORPORATING KAWNEER "AA®250" DOORS.

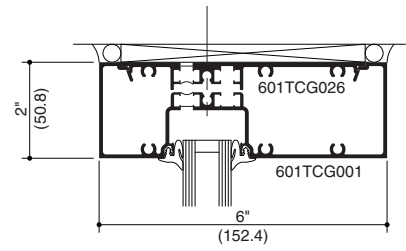
**NOTE:** OTHER TYPES OF KAWNEER DOORS MAY BE USED WITH THIS FRAMING SYSTEM.

SEE ENTRANCE DETAILS FOR ADDITIONAL INFORMATION.

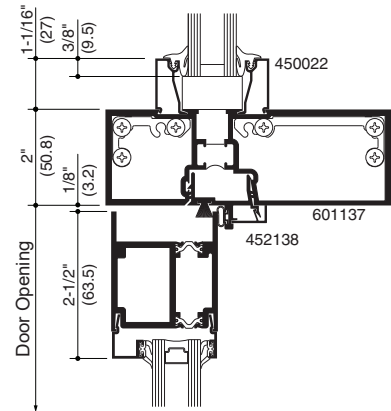


ELEVATION IS NUMBER KEYED TO DETAILS.

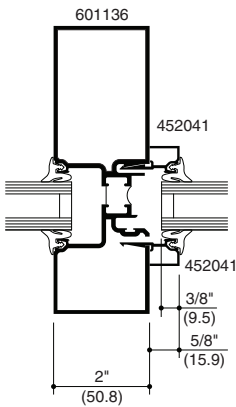
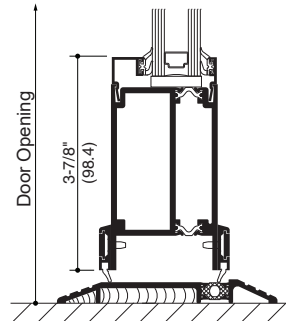
1 HEAD



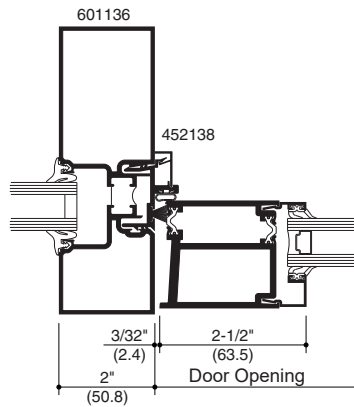
2 TRANSOM BAR



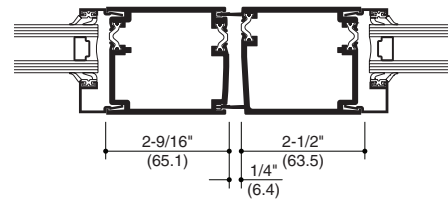
3 BOTTOM RAIL



4A TRANSOM JAMB



4 DOOR JAMB



5 MEETING STILES

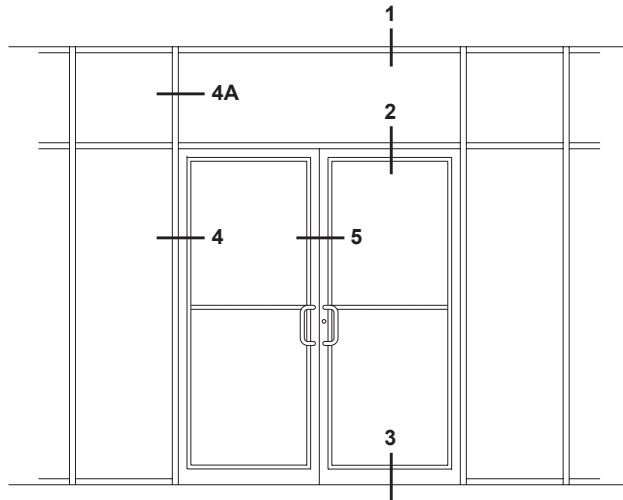
AA® 250/425 THERMAL DOOR

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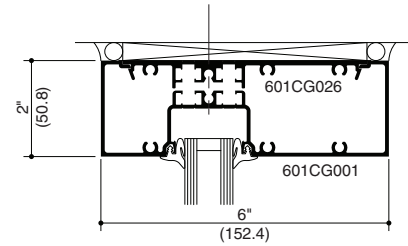
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Trifab® 601 FRAMING INCORPORATING KAWNEER "350" DOORS.  
**NOTE:** OTHER TYPES OF KAWNEER DOORS MAY BE USED WITH THIS FRAMING SYSTEM.  
 SEE ENTRANCE DETAILS FOR ADDITIONAL INFORMATION.

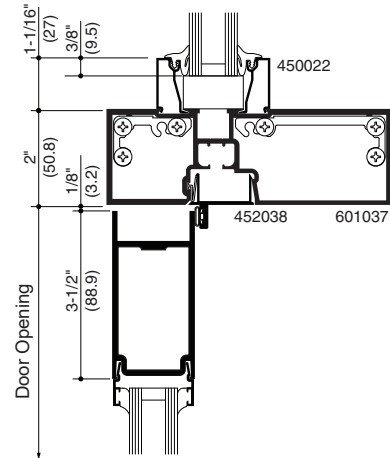


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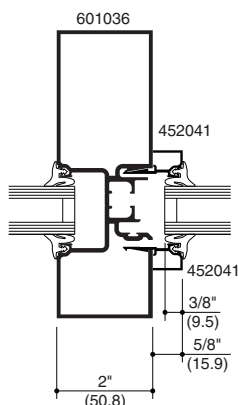
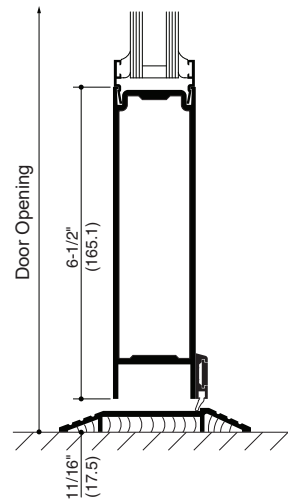
1 HEAD



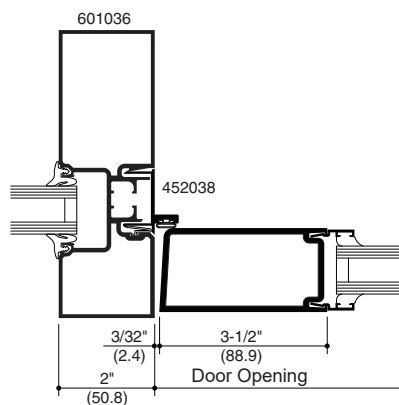
2 TRANSOM BAR



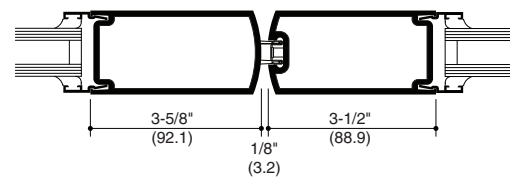
3 BOTTOM RAIL



4A DOOR JAMB



4 DOOR JAMB



5 MEETING STILES

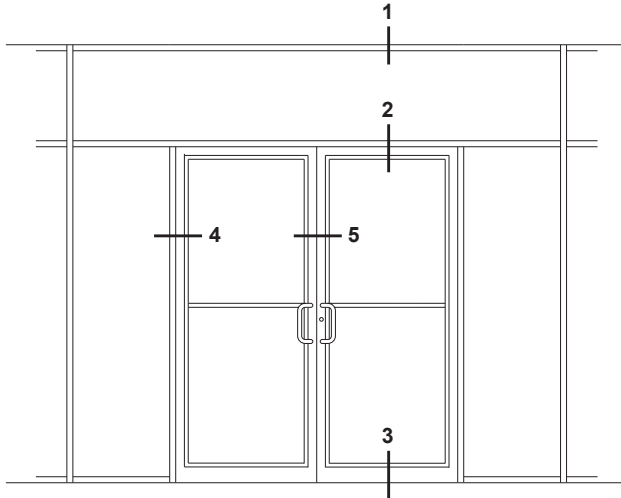
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350 MEDIUM STILE DOOR

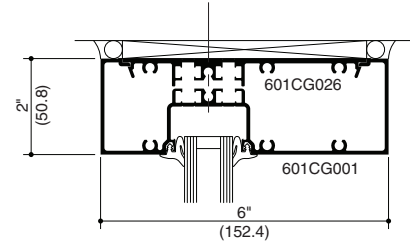
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**SEE ENTRANCE DETAILS FOR ADDITIONAL INFORMATION.**

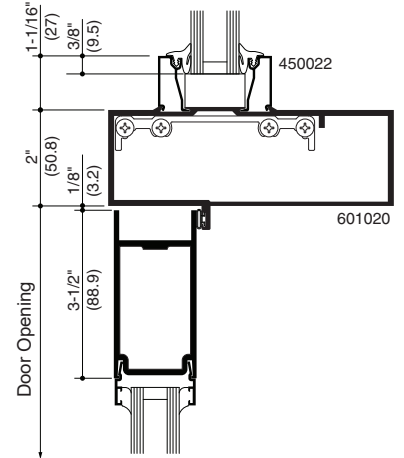


ELEVATION IS NUMBER KEYED TO DETAILS.

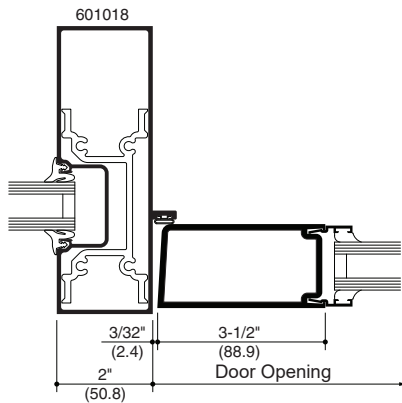
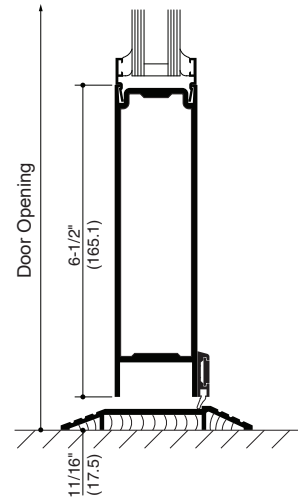
**1**  
HEAD



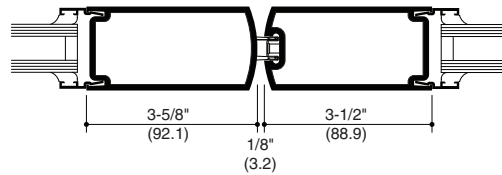
**2**  
TRANSOM  
BAR



**3**  
BOTTOM  
RAIL



**4**  
DOOR  
JAMB



**5**  
MEETING  
STILES

## 350 MEDIUM STILE DOOR

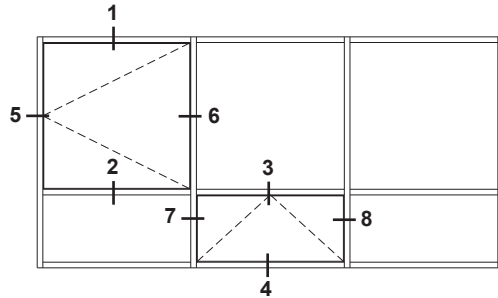
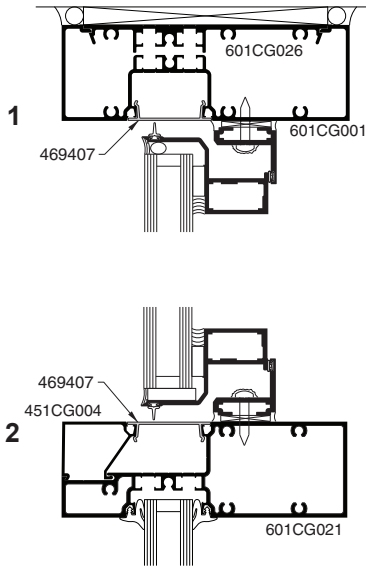
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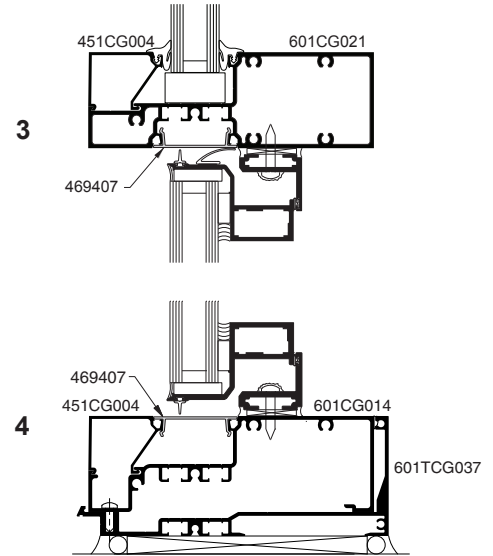
**Trifab® 601 FRAMING SHOWN.**  
 OTHER FRAMING OPTIONS AVAILABLE.  
 CONSULT YOUR KAWNEER REPRESENTATIVE.

**OUTSWING CASEMENT  
 VERTICAL SECTION**

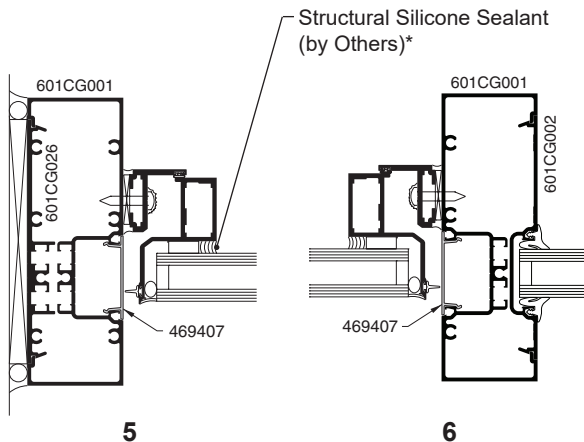


ELEVATION IS NUMBER KEYED TO DETAILS

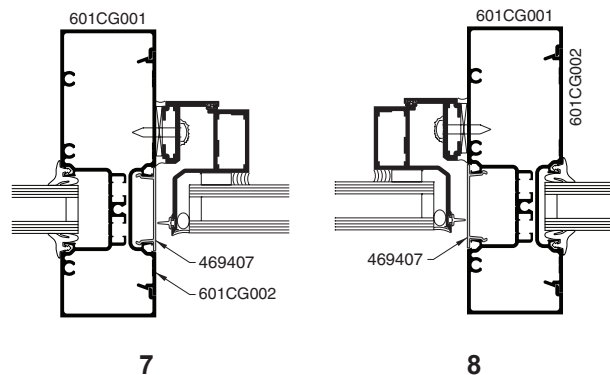
**PROJECT-OUT  
 VERTICAL SECTION**



**OUTSWING CASEMENT  
 HORIZONTAL SECTION**



**PROJECT-OUT  
 HORIZONTAL SECTION**



**NOTE:** Black spacer is recommended when 1" (25.4) insulating glass is used.

\* **INSTALLER NOTE:** Installer is responsible for all required compatibility review and approvals with the Structural Silicone Manufacturer and the Insulating Glass Unit Manufacturer.

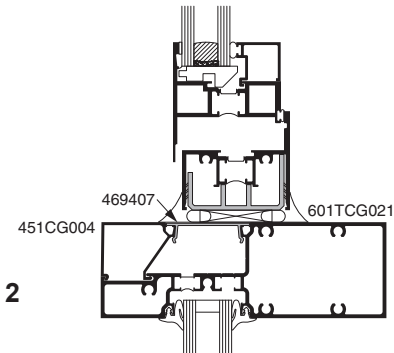
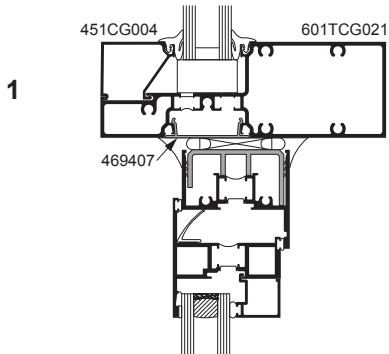
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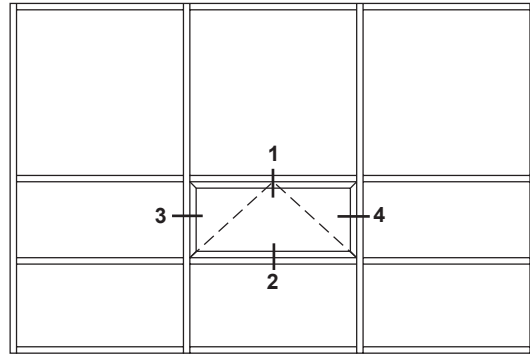
Additional information and CAD details are available at [www.kawneer.com](http://www.kawneer.com)

**Trifab® 601T FRAMING SHOWN.**  
OTHER FRAMING OPTIONS AVAILABLE.  
CONSULT YOUR KAWNEER REPRESENTATIVE.

### PROJECT-OUT VERTICAL SECTION

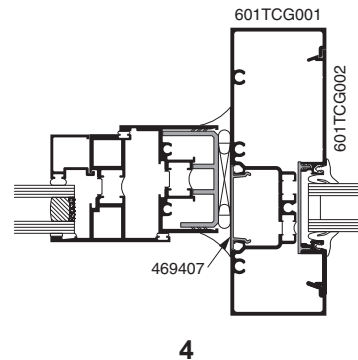
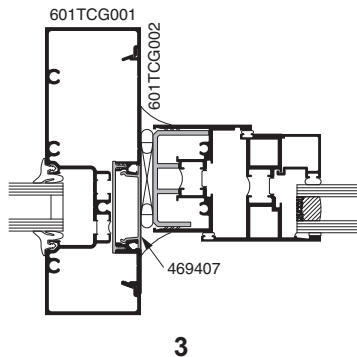


**8225TL THERMAL WINDOWS SHOWN**  
**NOTE:** OTHER VENT TYPES CAN BE  
ACCOMMODATED, CONSULT YOUR KAWNEER  
REPRESENTATIVE FOR OTHER OPTIONS



ELEVATION IS NUMBER KEYED TO DETAILS

### PROJECT-OUT HORIZONTAL SECTION



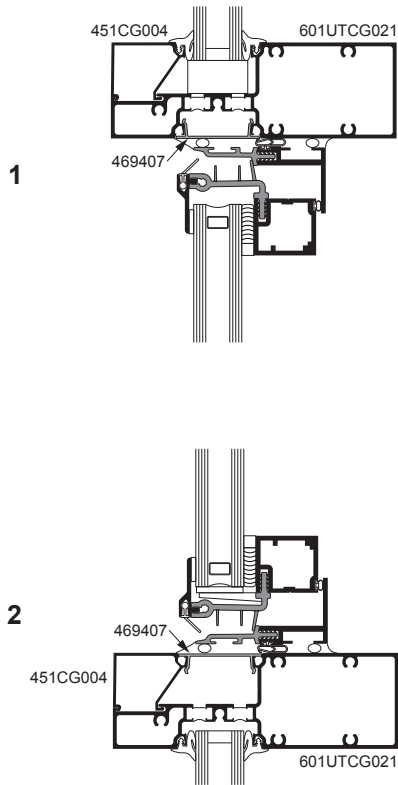
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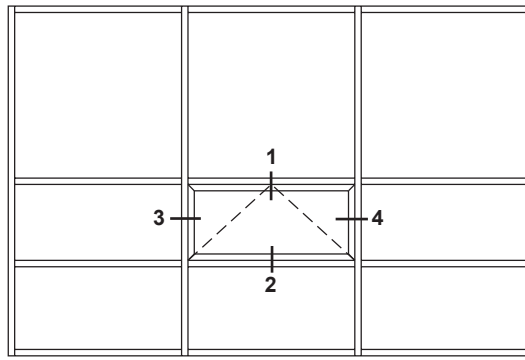
Additional information and CAD details are available at [www.kawneer.com](http://www.kawneer.com)

Trifab® 601UT FRAMING SHOWN.  
OTHER FRAMING OPTIONS AVAILABLE.  
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**PROJECT-OUT  
VERTICAL SECTION**



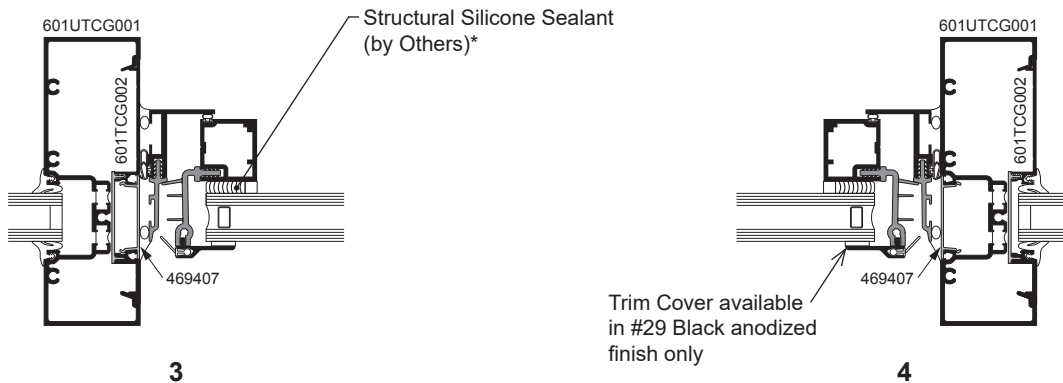
**GLASSvent® UT WINDOWS SHOWN**  
**NOTE: OTHER VENT TYPES CAN BE ACCOMMODATED, CONSULT YOUR KAWNEER REPRESENTATIVE FOR OTHER OPTIONS**



**ELEVATION IS NUMBER KEYED TO DETAILS**

**NOTE: Black spacer is recommended when 1" (25.4) insulating glass is used.**

**PROJECT-OUT  
HORIZONTAL SECTION**

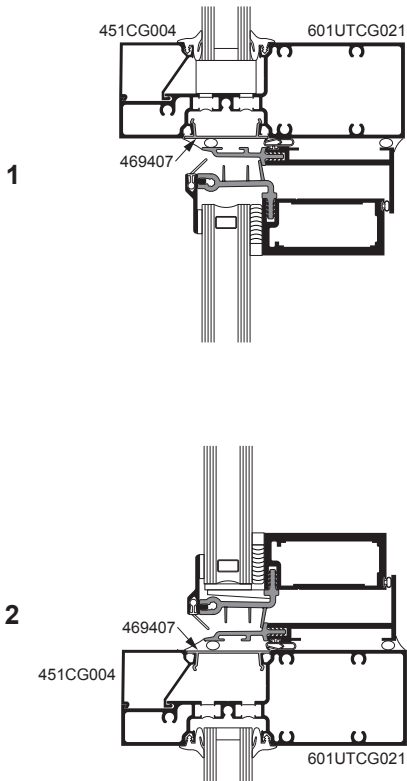


\* **INSTALLER NOTE:** Installer is responsible for all required compatibility review and approvals with the Structural Silicone Manufacturer and the Insulating Glass Unit Manufacturer.

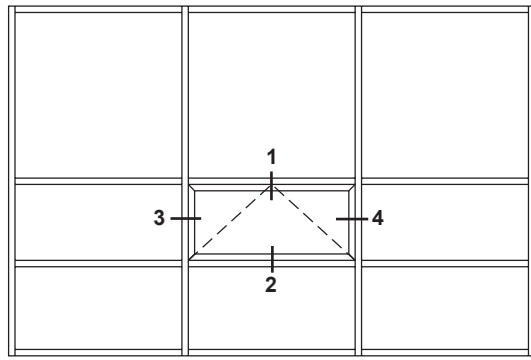
Additional information and CAD details are available at [www.kawneer.com](http://www.kawneer.com)

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OTHER FRAMING OPTIONS AVAILABLE.  
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### PROJECT-OUT VERTICAL SECTION



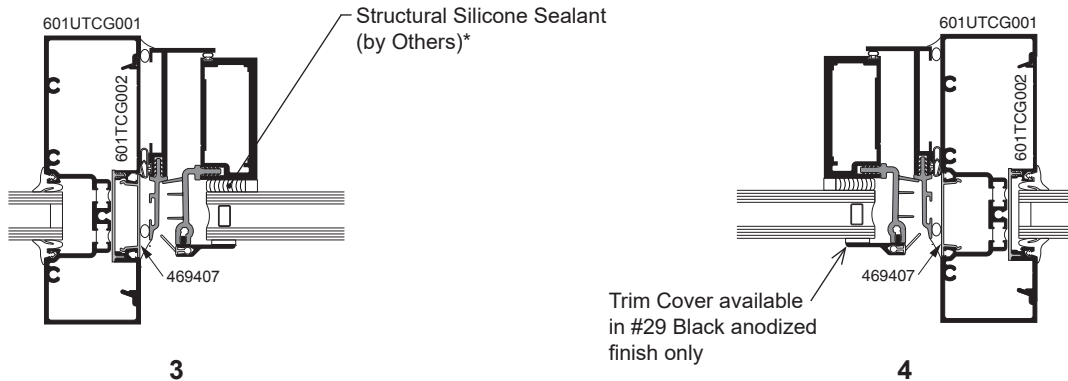
**GLASSvent® UT WINDOWS SHOWN**  
**NOTE:** OTHER VENT TYPES CAN BE  
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REPRESENTATIVE FOR OTHER OPTIONS



ELEVATION IS NUMBER KEYED TO DETAILS

**NOTE:** Black spacer is recommended when  
1" (25.4) insulating glass is used.

### PROJECT-OUT HORIZONTAL SECTION



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## WIND LOAD CHARTS

Mullions are designed for deflection limitations in accordance with AAMA TIR-A11 of L/175 up to 13'-6" and L/240 +1/4" above 13'-6". These curves are for mullions WITH HORIZONTALS and are based on engineering calculations for stress and deflection. Allowable wind load stress for ALUMINUM 15,152 psi (104 MPa), STEEL 30,000 psi (207 MPa). Charted curves, in all cases are for the limiting value. Wind load charts contained herein are based upon nominal wind load utilized in allowable stress design. A conversion from Load Resistance Factor Design (LRFD) is provided. To convert ultimate wind loads to nominal loads, multiply ultimate wind loads by a factor of 0.6 per ASCE/SEI 7. A 4/3 increase in allowable stress has not been used to develop these curves. For special situations not covered by these curves, contact your Kawneer representative for additional information.

If the end reaction of the mullion [mullion spacing (ft.) times height (ft.) times specified wind load (psf) divided by two] is more than 500 lbs., the optional Mullion Anchors must be used. Consult Application Engineering. (*Mullion Anchor not used with Lightweight Receptor.*)

## DEADLOAD CHARTS

Horizontal or deadload limitations are based upon 1/8" (3.2), maximum allowable deflection at the center of an intermediate horizontal member. The accompanying charts are calculated for 1" (25.4) thick insulating glass or 1/4" (6.35) thick glass supported on two setting blocks placed at the loading points shown.

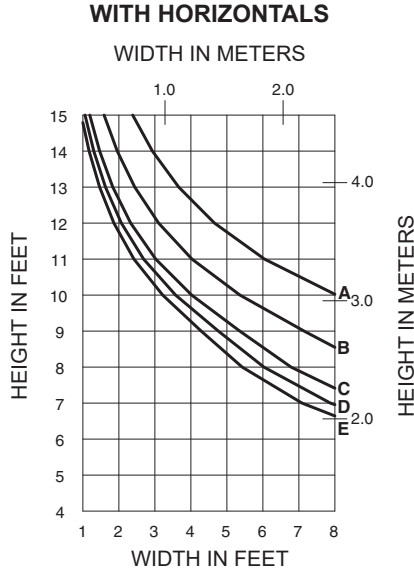
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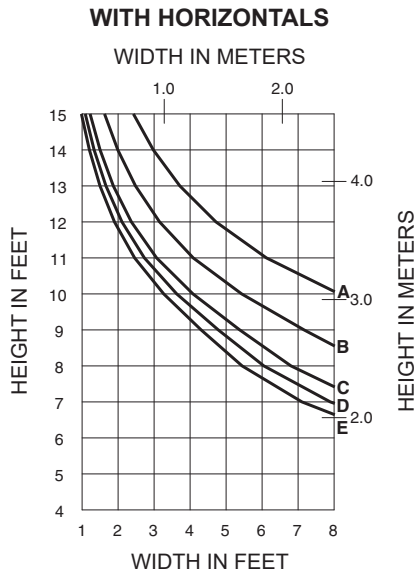
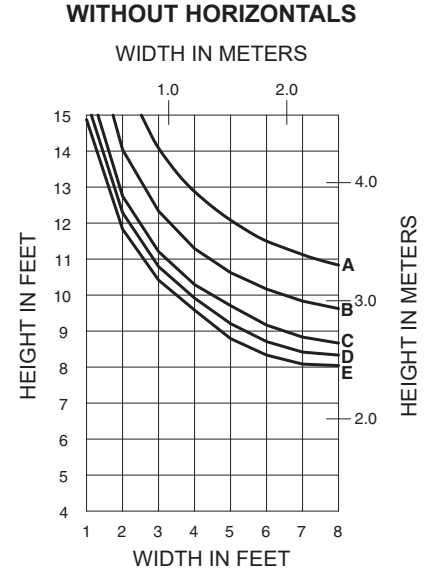


	Allowable Stress Design Load	LRFD Ultimate Design Load
A =	20 PSF (960)	33 PSF (1580)
B =	30 PSF (1440)	50 PSF (2400)
C =	40 PSF (1920)	67 PSF (3200)
D =	45 PSF (2160)	75 PSF (3600)
E =	50 PSF (2400)	83 PSF (4000)
F =	60 PSF (2880)	100 PSF (4790)



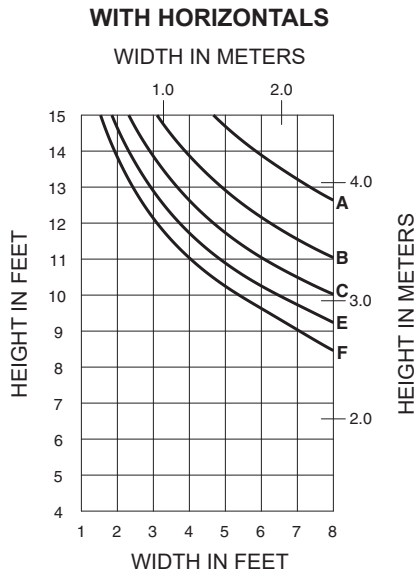
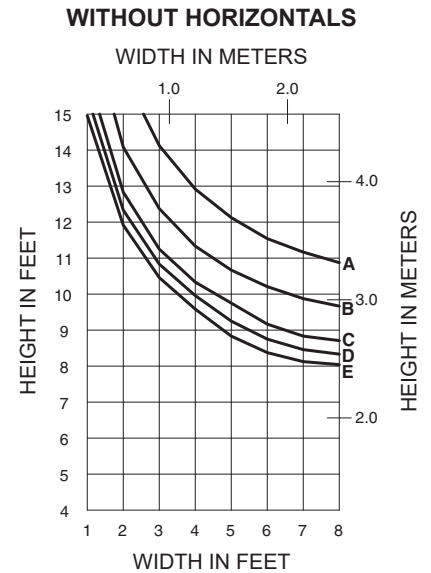
**601CG001**

$I = 5.431 (226.05 \times 10^4)$   
 $S = 1.717 (28.14 \times 10^3)$



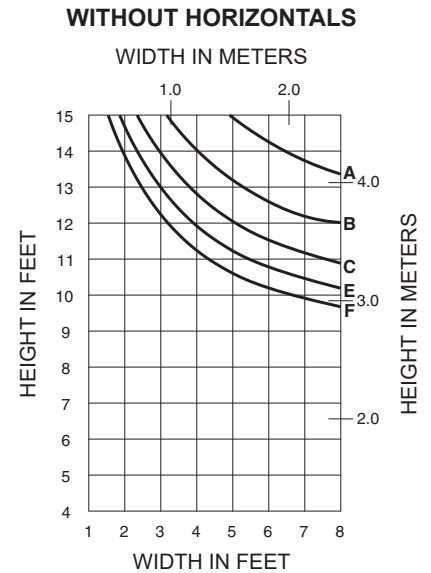
**601CG112**

$I = 5.495 (228.72 \times 10^4)$   
 $S = 1.727 (28.30 \times 10^3)$

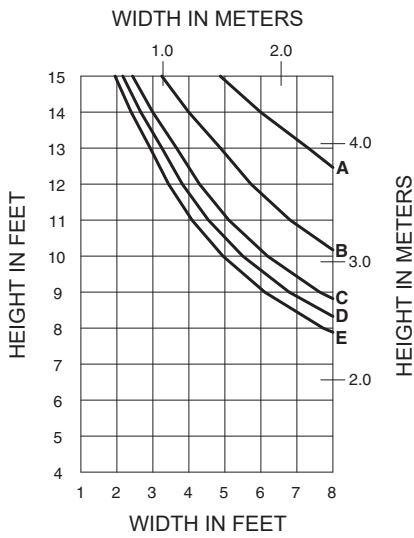


**601CG013**

$I_A = 10.593 (440.91 \times 10^4)$   
 $S_A = 3.411 (55.90 \times 10^3)$



**WITH HORIZONTALS**



	Allowable Stress Design Load	LRFD Ultimate Design Load
<b>A =</b>	<b>20 PSF (960)</b>	<b>33 PSF (1580)</b>
<b>B =</b>	<b>30 PSF (1440)</b>	<b>50 PSF (2400)</b>
<b>C =</b>	<b>40 PSF (1920)</b>	<b>67 PSF (3200)</b>
<b>D =</b>	<b>45 PSF (2160)</b>	<b>75 PSF (3600)</b>
<b>E =</b>	<b>50 PSF (2400)</b>	<b>83 PSF (4000)</b>



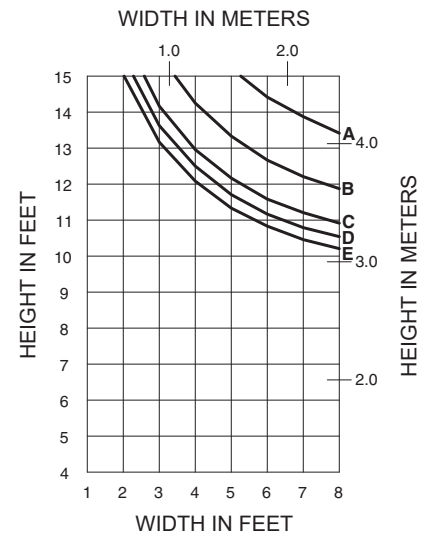
**601CG112**

**WITH 450110 STEEL**

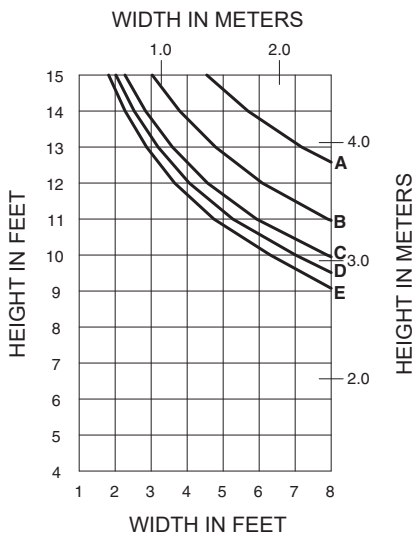
$I_A = 5.495 (228.72 \times 10^4)$   
 $S_A = 1.727 (28.30 \times 10^3)$

$I_S = 1.929 (80.29 \times 10^4)$   
 $S_S = 0.935 (15.32 \times 10^3)$

**WITHOUT HORIZONTALS**



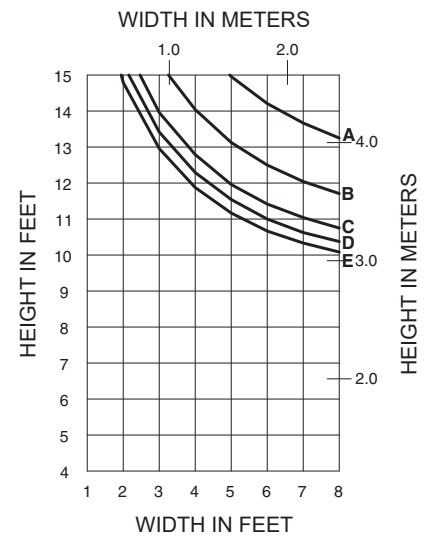
**WITH HORIZONTALS**



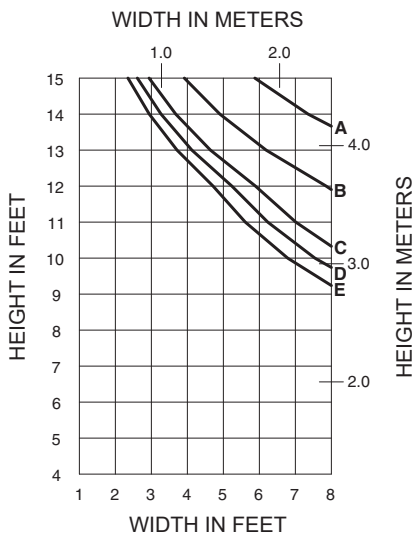
**601CG010**

$I = 10.570 (439.95 \times 10^4)$   
 $S = 3.406 (55.81 \times 10^3)$

**WITHOUT HORIZONTALS**



**WITH HORIZONTALS**



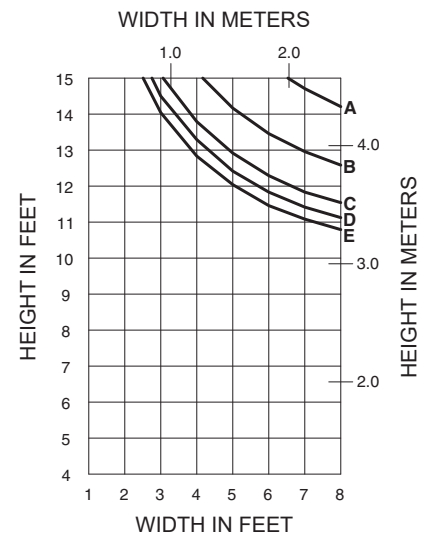
**601CG010**

**WITH 400110 STEEL**

$I_A = 10.570 (439.95 \times 10^4)$   
 $S_A = 3.406 (55.81 \times 10^3)$

$I_S = 0.970 (40.37 \times 10^4)$   
 $S_S = 0.535 (8.77 \times 10^3)$

**WITHOUT HORIZONTALS**

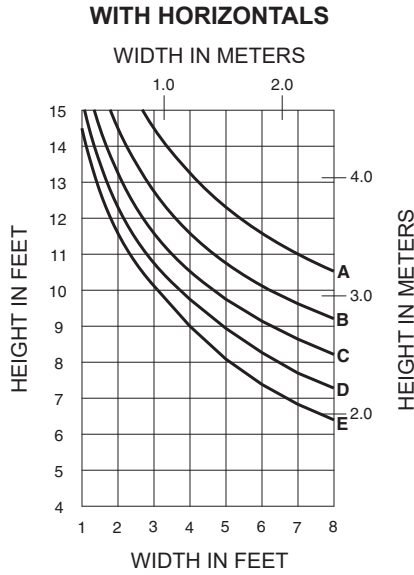


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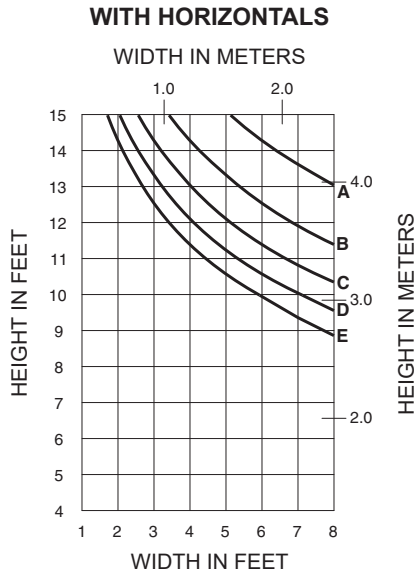
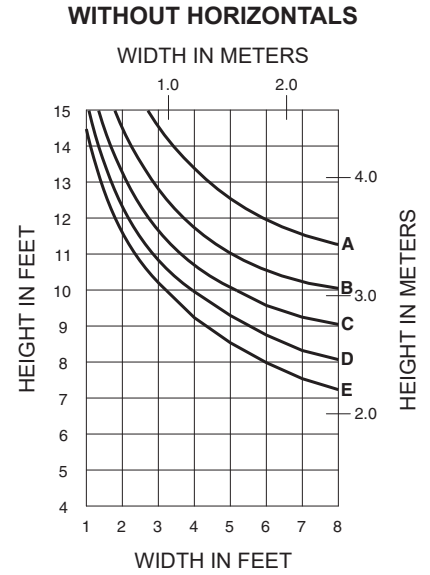


	Allowable Stress Design Load	LRFD Ultimate Design Load
<b>A =</b>	<b>20 PSF (960)</b>	<b>33 PSF (1580)</b>
<b>B =</b>	<b>30 PSF (1440)</b>	<b>50 PSF (2400)</b>
<b>C =</b>	<b>40 PSF (1920)</b>	<b>67 PSF (3200)</b>
<b>D =</b>	<b>50 PSF (2400)</b>	<b>83 PSF (4000)</b>
<b>E =</b>	<b>60 PSF (2880)</b>	<b>100 PSF (4790)</b>



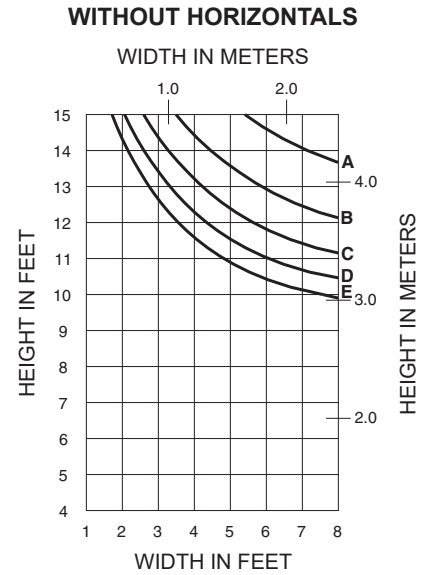
**601CG005**

$I = 6.092 (253.57 \times 10^4)$   
 $S = 1.944 (31.86 \times 10^3)$

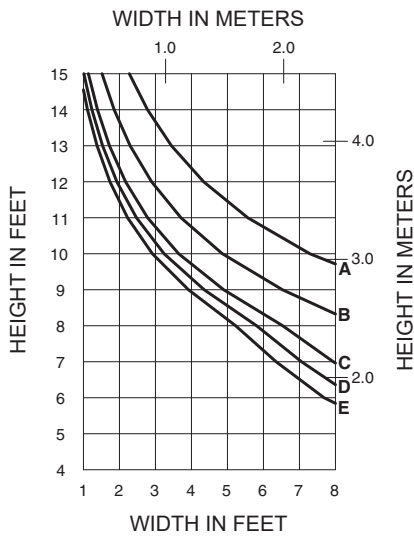


**601CG005 WITH 450110 STEEL**

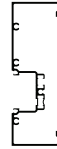
$I_A = 6.092 (253.57 \times 10^4)$   
 $S_A = 1.944 (31.86 \times 10^3)$   
 $I_S = 1.929 (80.29 \times 10^4)$   
 $S_S = 0.935 (15.32 \times 10^3)$



**WITH HORIZONTALS**



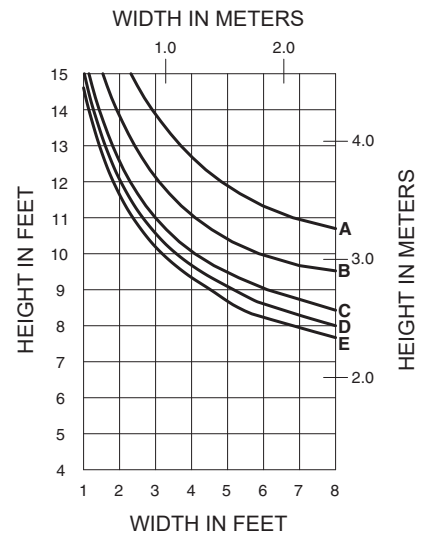
	Allowable Stress Design Load	LRFD Ultimate Design Load
A =	20 PSF (960)	33 PSF (1580)
B =	30 PSF (1440)	50 PSF (2400)
C =	40 PSF (1920)	67 PSF (3200)
D =	45 PSF (2160)	75 PSF (3600)
E =	50 PSF (2400)	83 PSF (4000)
F =	60 PSF (2880)	100 PSF (4790)



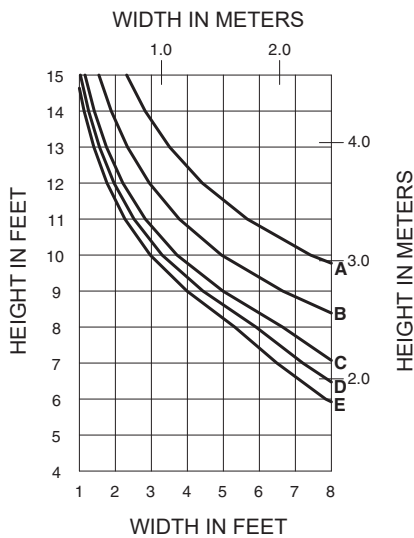
**601TCG001**

WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-8 AND AAMA 505

**WITHOUT HORIZONTALS**



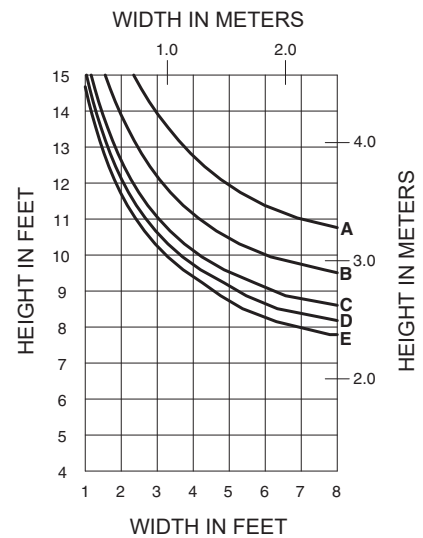
**WITH HORIZONTALS**



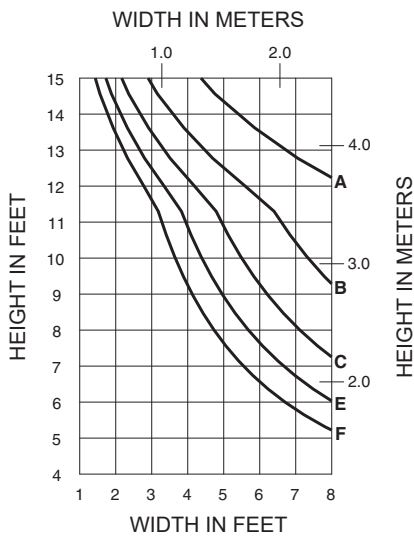
**601TCG112**

WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-8 AND AAMA 505

**WITHOUT HORIZONTALS**



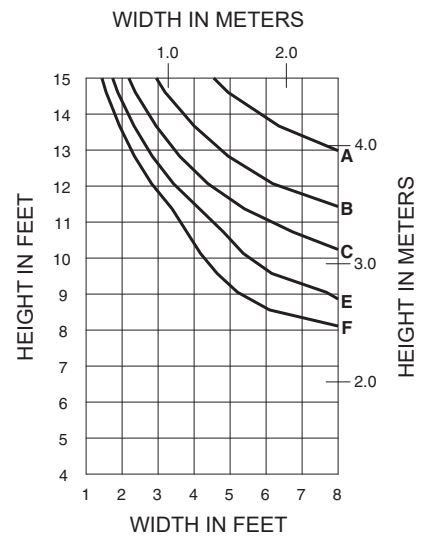
**WITH HORIZONTALS**



**601TCG013**

WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-8 AND AAMA 505

**WITHOUT HORIZONTALS**



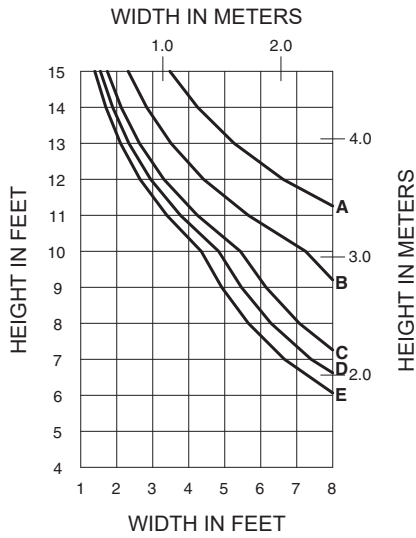
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**WITH HORIZONTALS**



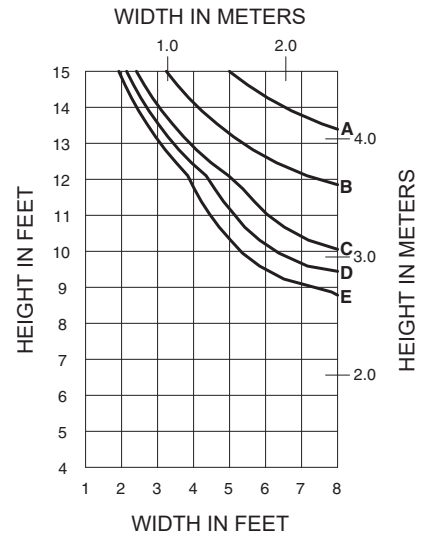
	Allowable Stress Design Load	LRFD Ultimate Design Load
A =	20 PSF (960)	33 PSF (1580)
B =	30 PSF (1440)	50 PSF (2400)
C =	40 PSF (1920)	67 PSF (3200)
D =	45 PSF (2160)	75 PSF (3600)
E =	50 PSF (2400)	83 PSF (4000)



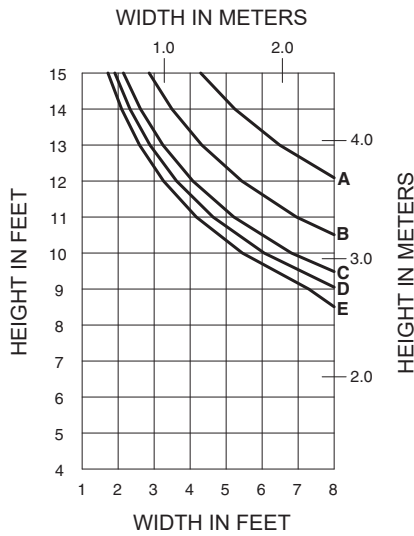
**601TCG112  
WITH 450110 STEEL**

WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-8 AND AAMA 505

**WITHOUT HORIZONTALS**



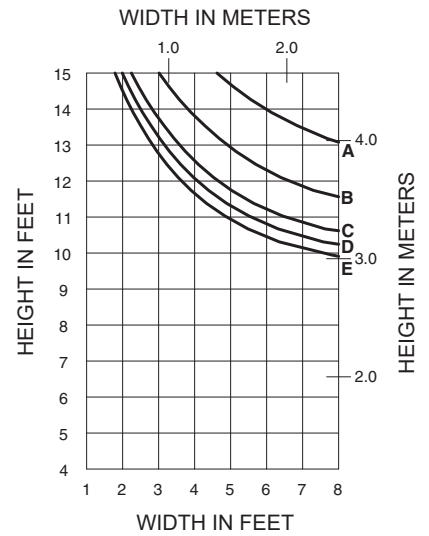
**WITH HORIZONTALS**



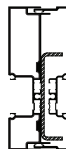
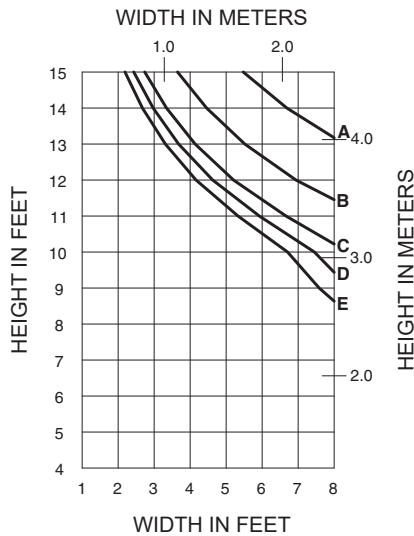
**601TCG010**

WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-8 AND AAMA 505

**WITHOUT HORIZONTALS**



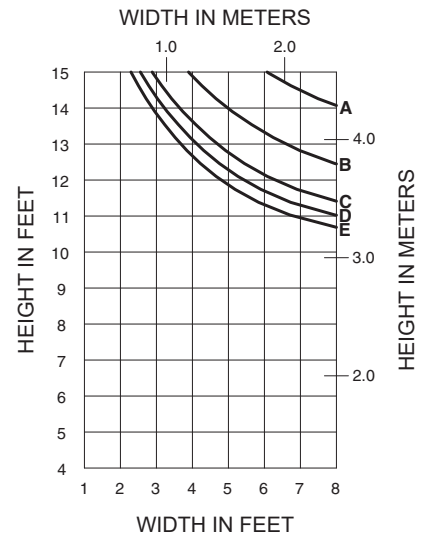
**WITH HORIZONTALS**



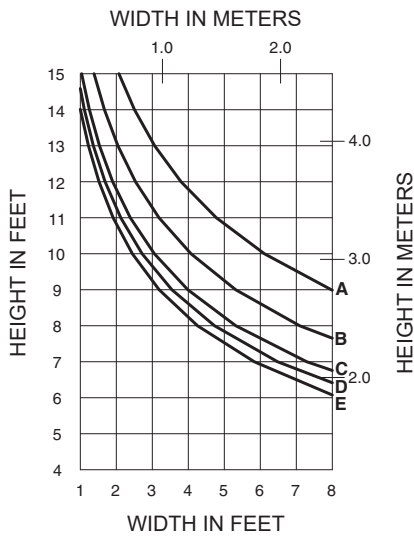
**601TCG010  
WITH 400110 STEEL**

WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-8 AND AAMA 505

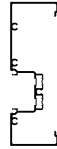
**WITHOUT HORIZONTALS**



**WITH HORIZONTALS**



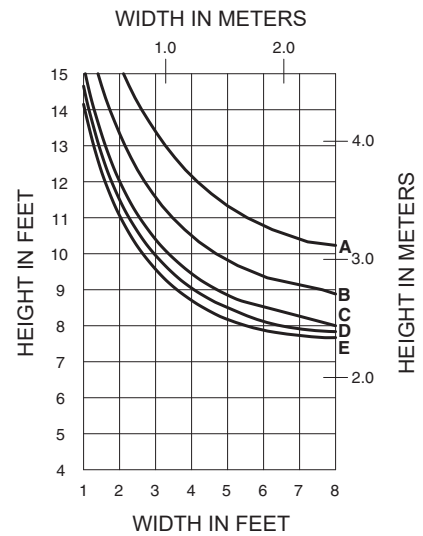
	Allowable Stress Design Load	LRFD Ultimate Design Load
A =	20 PSF (960)	33 PSF (1580)
B =	30 PSF (1440)	50 PSF (2400)
C =	40 PSF (1920)	67 PSF (3200)
D =	45 PSF (2160)	75 PSF (3600)
E =	50 PSF (2400)	83 PSF (4000)
F =	60 PSF (2880)	100 PSF (4790)



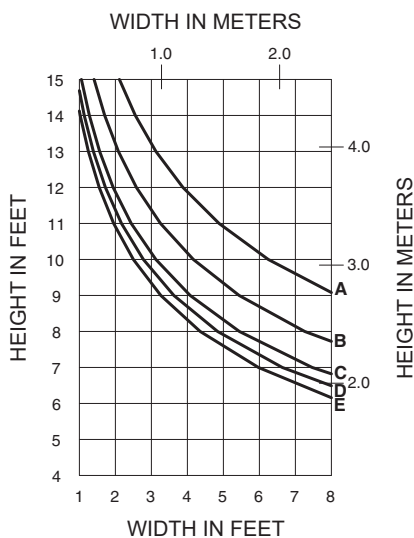
**601UTCG001**

WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-8 AND AAMA 505

**WITHOUT HORIZONTALS**



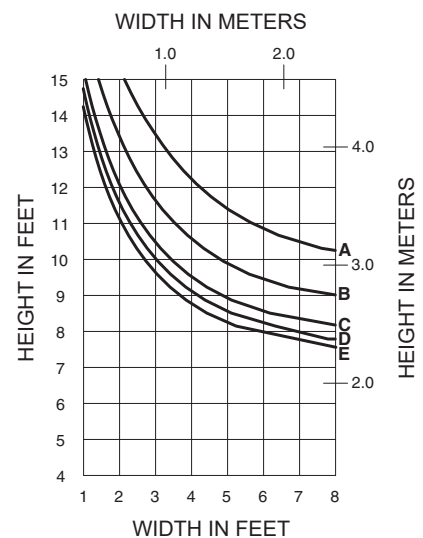
**WITH HORIZONTALS**



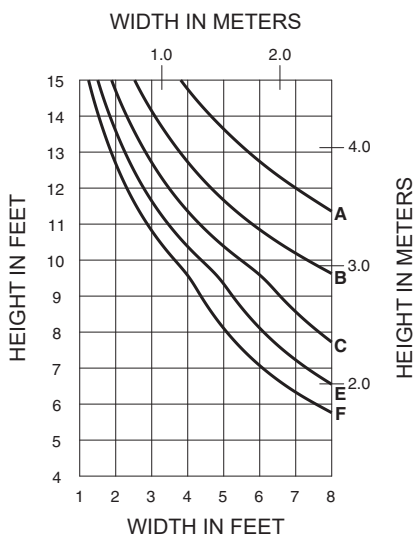
**601UTCG112**

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**WITHOUT HORIZONTALS**



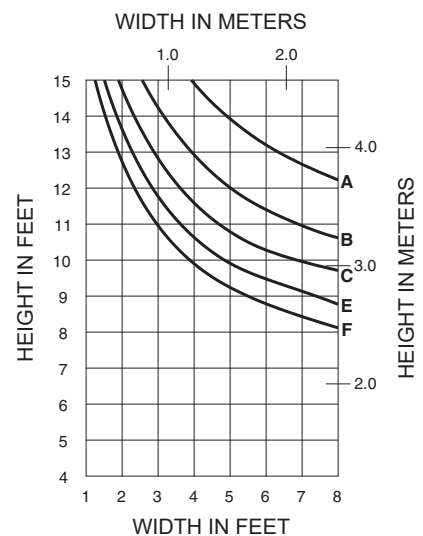
**WITH HORIZONTALS**



**601UTCG013**

WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-8 AND AAMA 505

**WITHOUT HORIZONTALS**

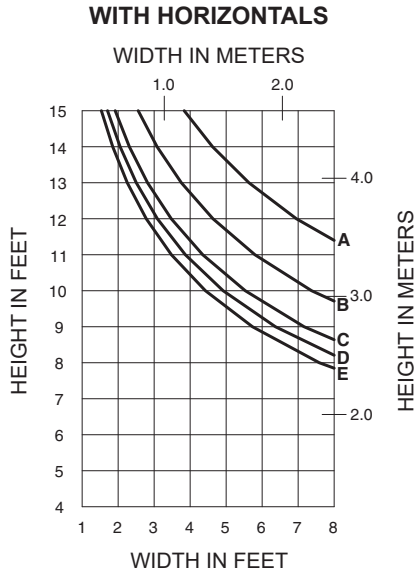


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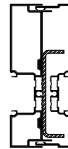
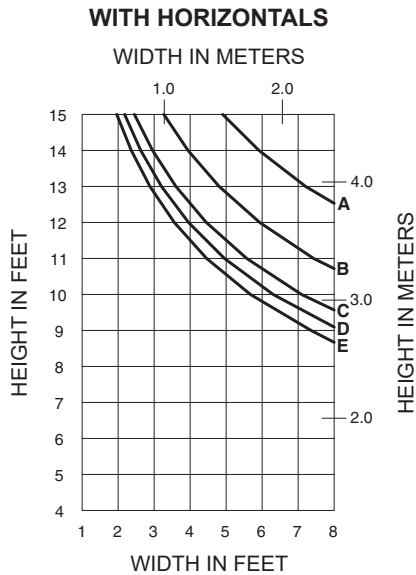
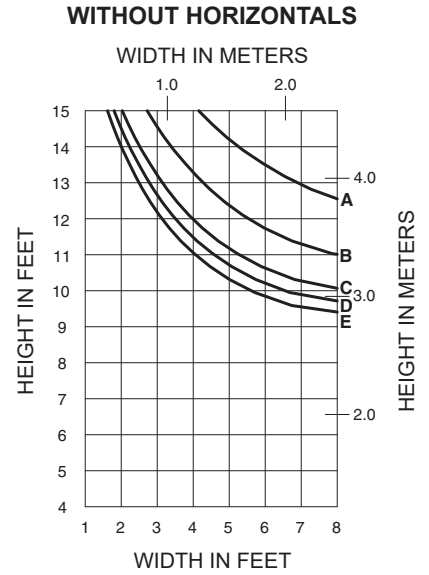


	Allowable Stress Design Load	LRFD Ultimate Design Load
A =	20 PSF (960)	33 PSF (1580)
B =	30 PSF (1440)	50 PSF (2400)
C =	40 PSF (1920)	67 PSF (3200)
D =	45 PSF (2160)	75 PSF (3600)
E =	50 PSF (2400)	83 PSF (4000)



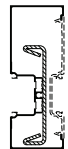
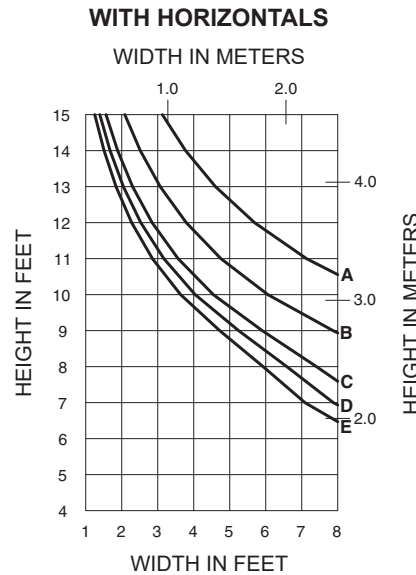
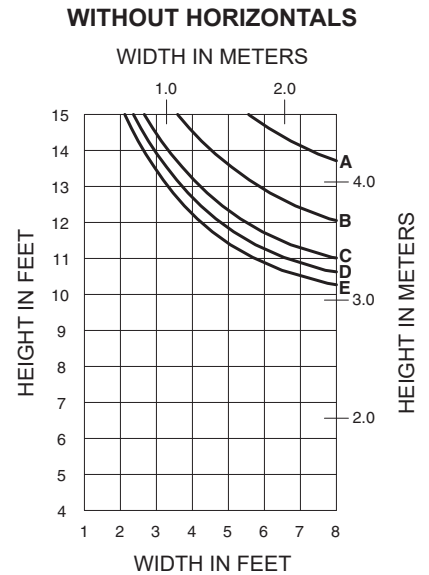
**601UTCG010**

WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-8 AND AAMA 505



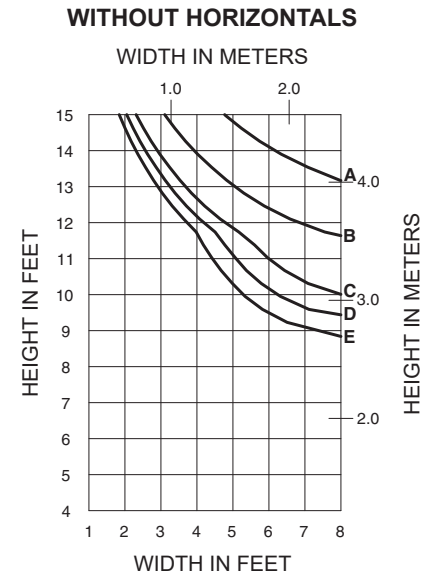
**601UTCG010 WITH 400110 STEEL**

WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-8 AND AAMA 505



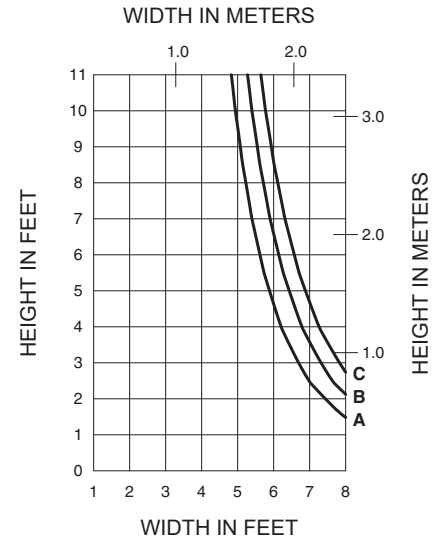
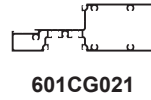
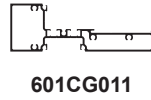
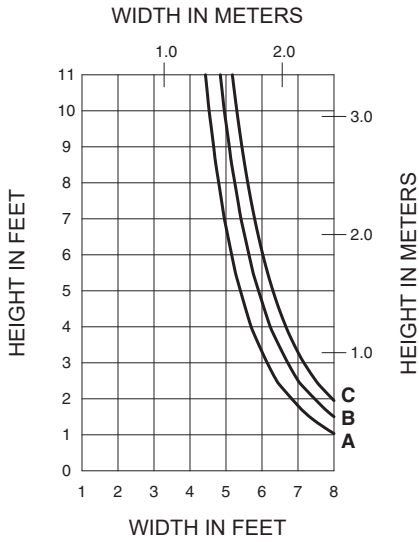
**601UTCG112 WITH 450110 STEEL**

WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-8 AND AAMA 505





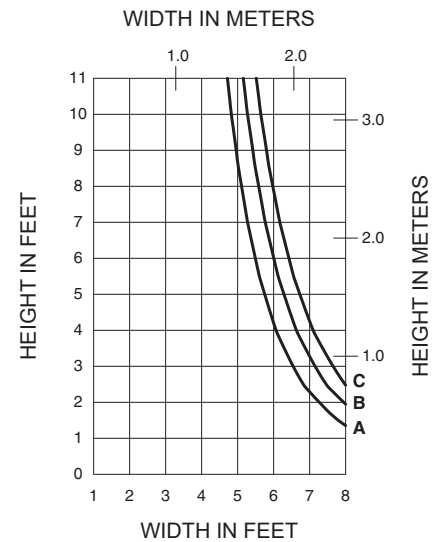
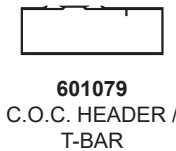
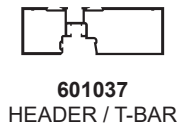
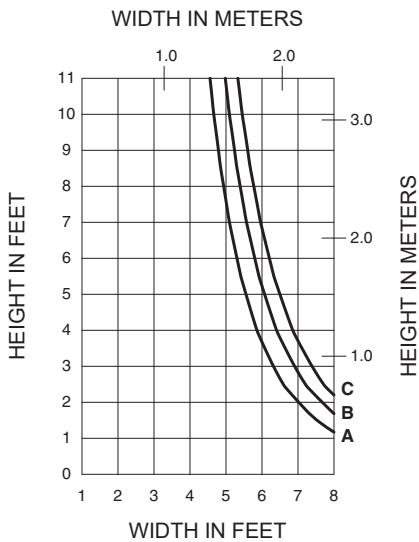
A = (1/4 POINT LOADING)  
 B = (1/6 POINT LOADING)  
 C = (1/8 POINT LOADING)



**DEADLOAD ON TRANSOM BAR**

Height limitations for transom glass over a doorway are based on a 1/16" (1.6) maximum allowable deflection at the mid-point of a transom bar. The accompanying charts are calculated for 1" (25.4) thick insulating glass supported on two setting blocks placed at the loading points shown.

A = (1/4 POINT LOADING)  
 B = (1/6 POINT LOADING)  
 C = (1/8 POINT LOADING)

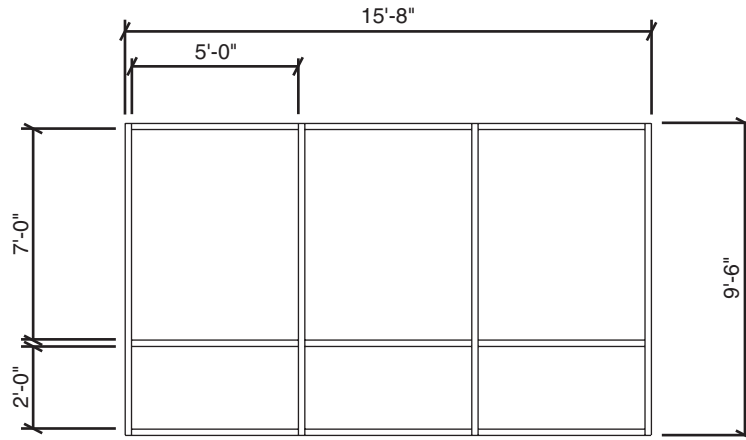


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**Generic Project Specific U-factor Example Calculation**  
 (Percent of Glass will vary on specific products depending on sitemlines)



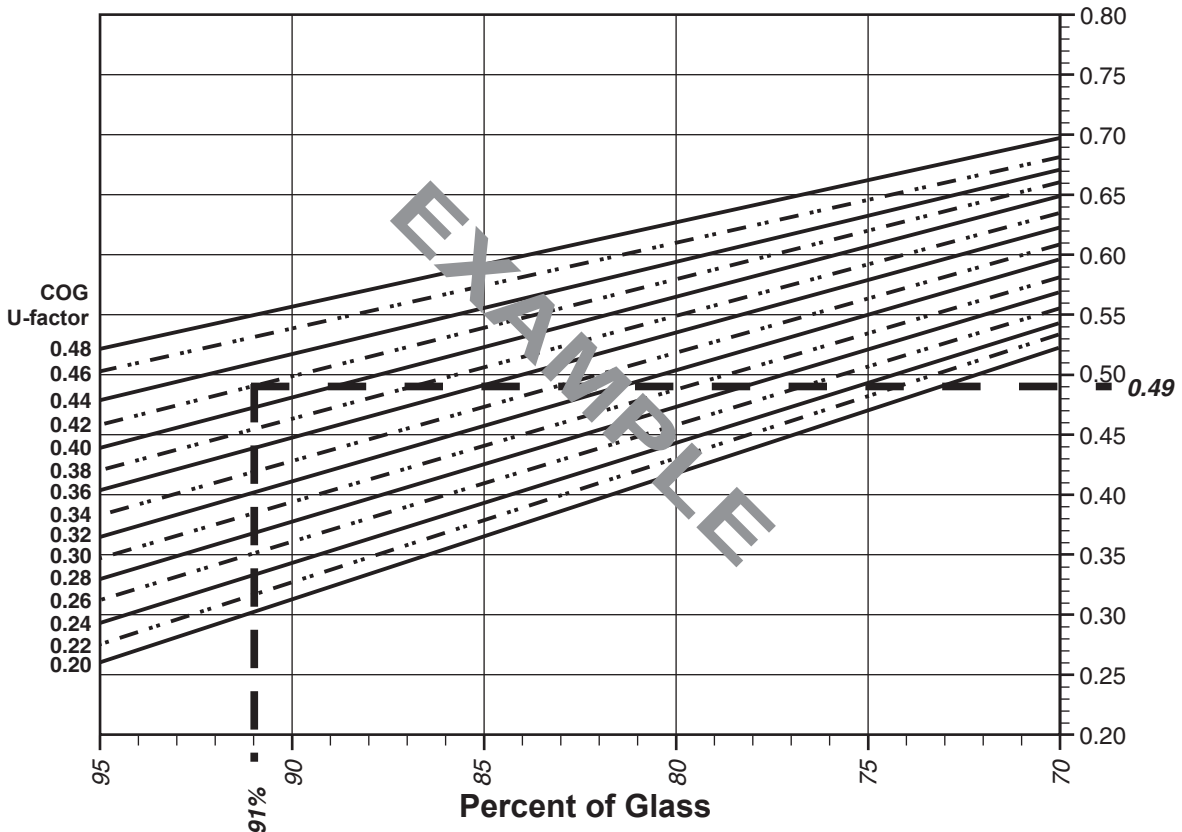
Example Glass U-factor = 0.42 Btu/hr·ft<sup>2</sup>·°F

Total Daylight Opening = 3(5' x 7') + 3(5' x 2') = 135ft<sup>2</sup>

Total Projected Area = (Total Daylight Opening + Total Area of Framing System)  
 = 15'-8" x 9'-6" = 148.83ft<sup>2</sup>

Percent of Glass = (Total Daylight Opening ÷ Total Projected Area)  
 = (135 ÷ 148.83)100 = 91%

**System U-factor vs Percent of Glass Area**



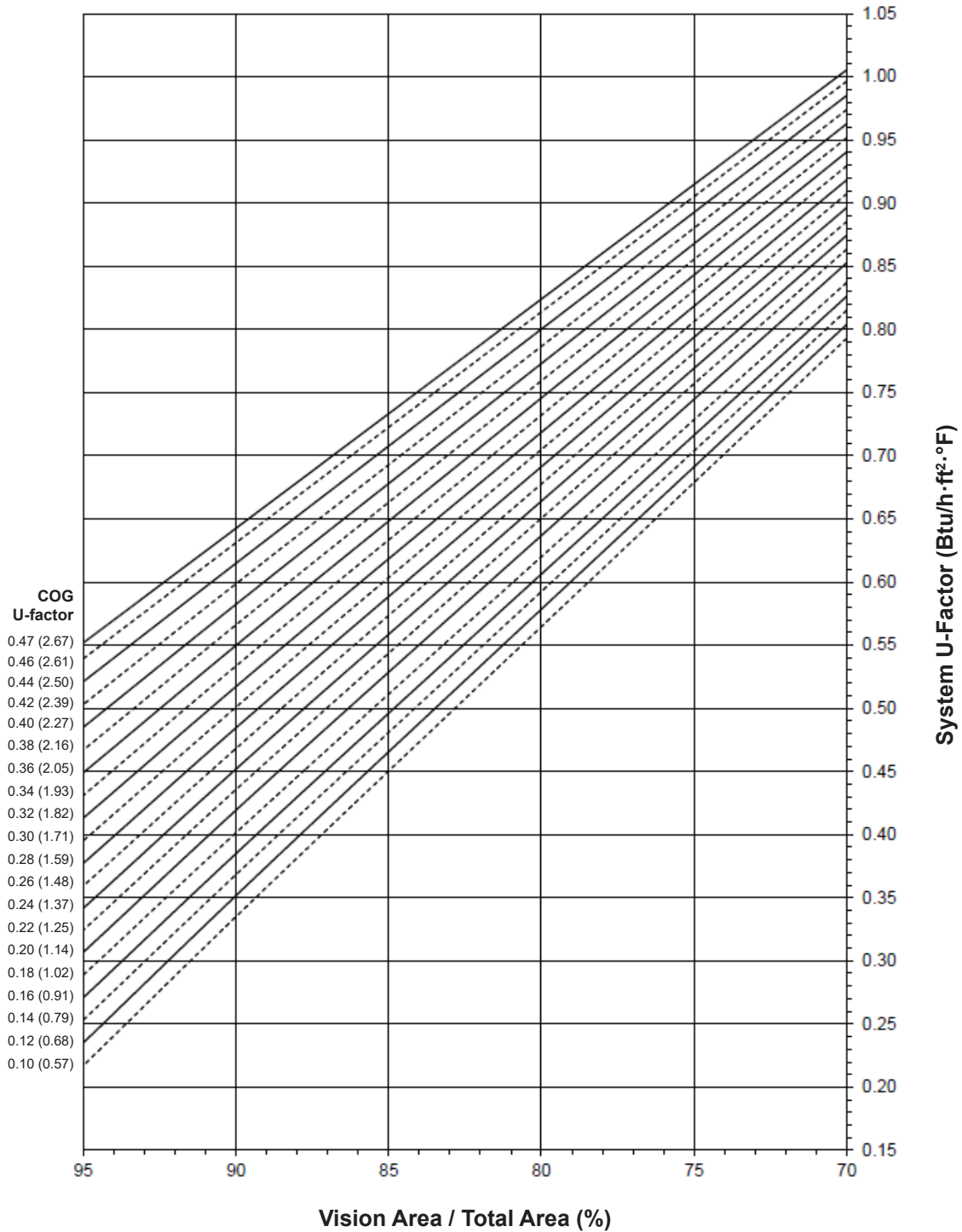
**Based on 91% glass and center of glass (COG) U-factor of 0.42**  
**System U-factor is equal to 0.49 Btu/hr x ft<sup>2</sup> x °F**

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Note:  
 Values in parentheses are metric.  
 COG=Center of Glass.  
 Charts are generated per AAMA 507.

Trifab® 601  
 System U-Factor for Vision Glass



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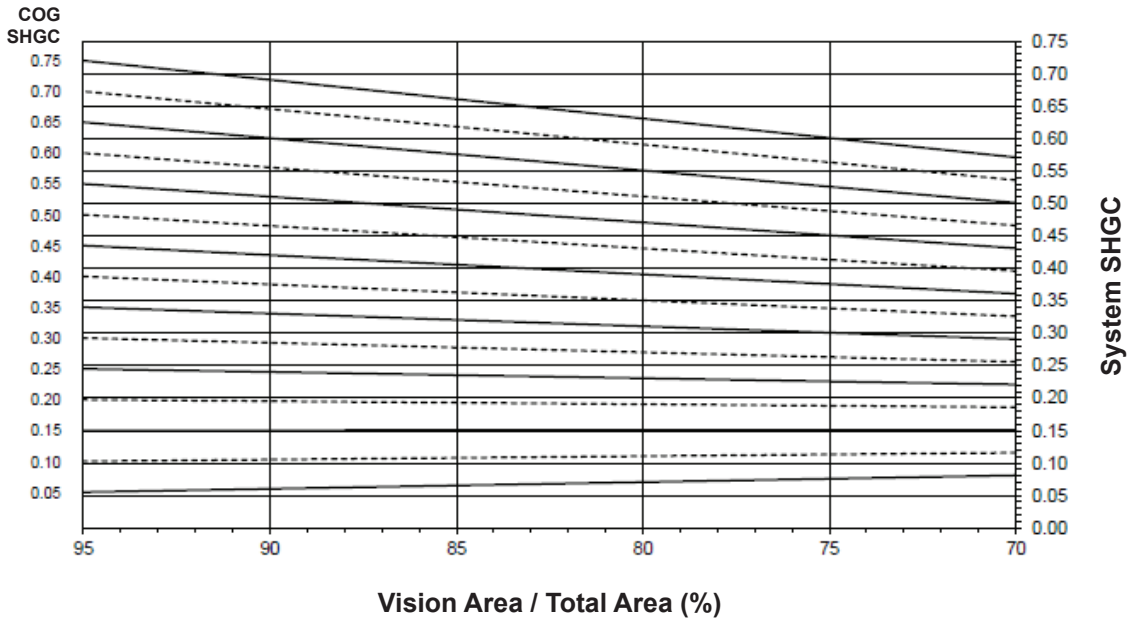
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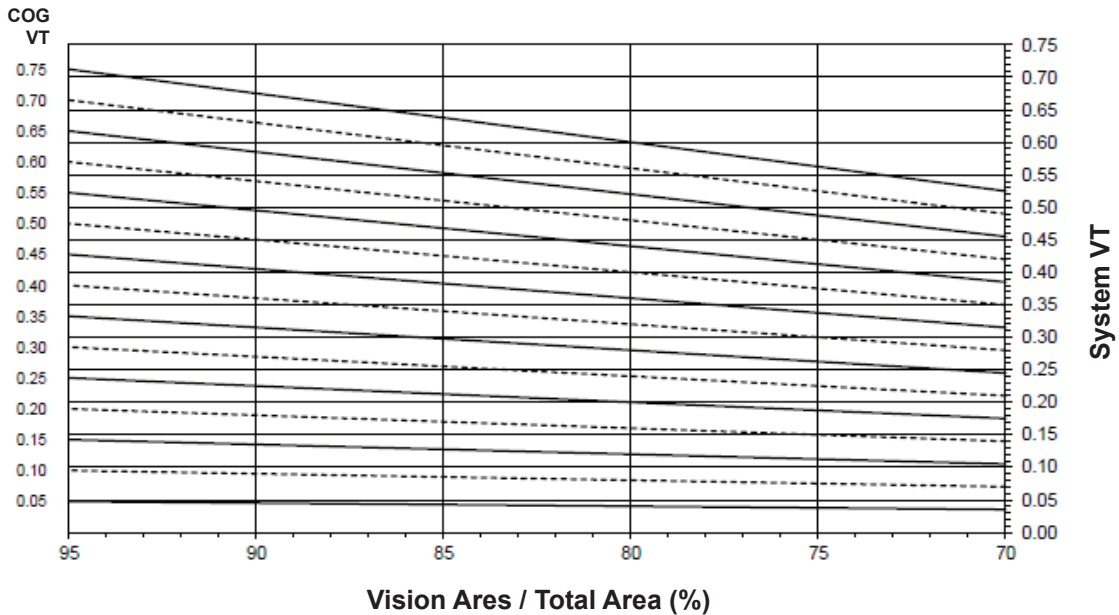
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**Trifab® 601**  
 System Solar Heat Gain Coefficient (SHGC) vs Percent of Vision Area



Charts are generated per AAMA 507.

**Trifab® 601**  
 System Visible Transmittance (VT) vs Percent of Vision Area



Charts are generated per AAMA 507.

## Trifab® 601

Thermal Transmittance <sup>1</sup> (BTU/hr • ft<sup>2</sup> • °F)

Glass U-Factor <sup>3</sup>	Overall U-Factor <sup>4</sup>
0.48	0.68
0.46	0.67
0.44	0.66
0.42	0.64
0.40	0.63
0.38	0.61
0.36	0.59
0.34	0.58
0.32	0.56
0.30	0.55
0.28	0.53
0.26	0.52
0.24	0.50
0.22	0.48
0.20	0.47
0.18	0.45
0.16	0.44
0.14	0.42
0.12	0.40
0.10	0.39

**NOTE:** For glass values that are not listed, linear interpolation is permitted.

1. U-Factors are determined in accordance with NFRC 100.
2. SHGC and VT values are determined in accordance with NFRC 200.
3. Glass properties are based on center of glass values and are obtained from your glass supplier.
4. Overall U-Factor, SHGC, and VT Matricies are based on the standard NFRC specimen size of 2,000 mm wide by 2,000 mm high (78-3/4" by 78-3/4").

SHGC Matrix <sup>2</sup>

Glass SHGC <sup>3</sup>	Overall SHGC <sup>4</sup>
0.75	0.68
0.70	0.63
0.65	0.59
0.60	0.55
0.55	0.50
0.50	0.46
0.45	0.41
0.40	0.37
0.35	0.33
0.30	0.28
0.25	0.24
0.20	0.19
0.15	0.15
0.10	0.11
0.05	0.06

Visible Transmittance <sup>2</sup>

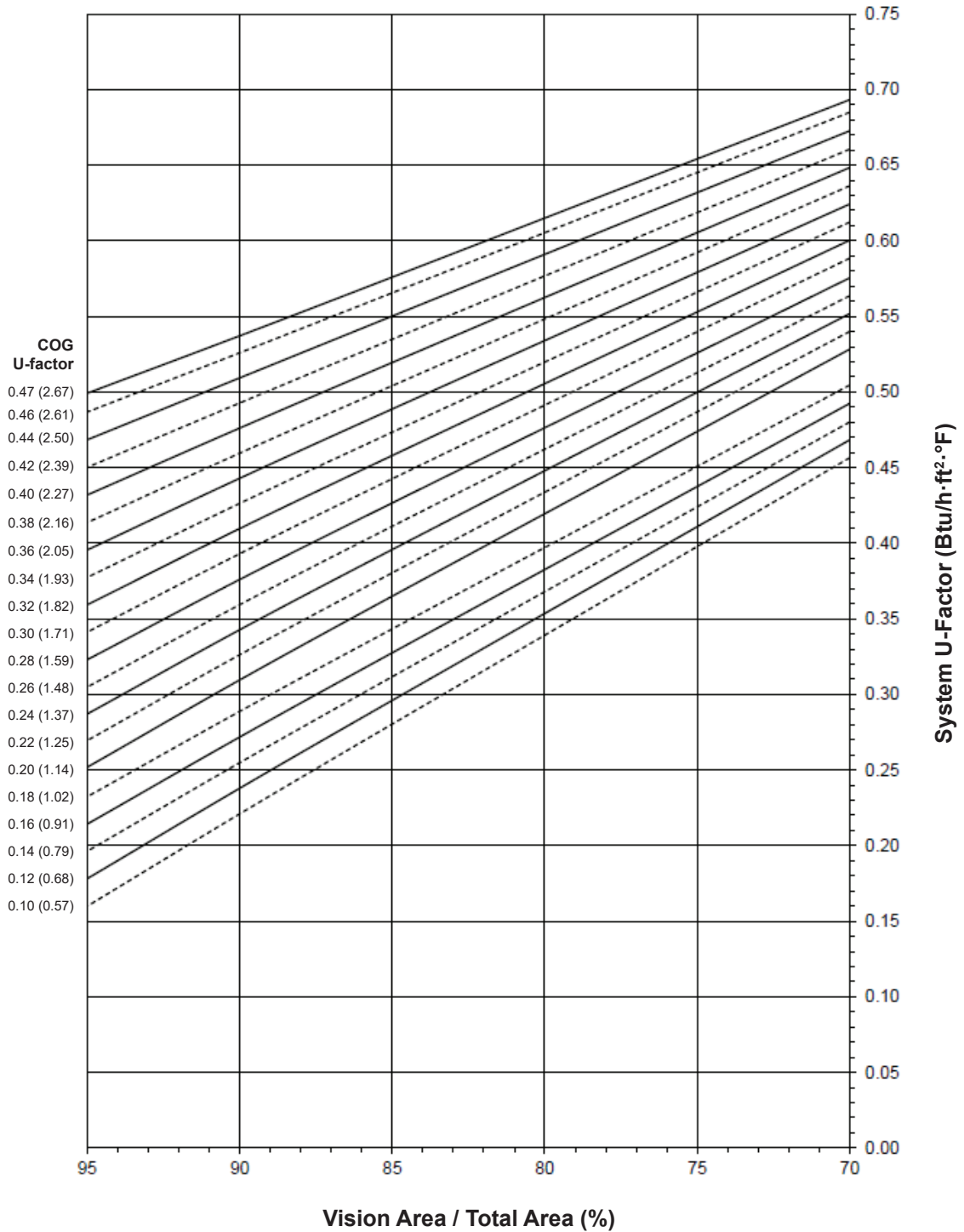
Glass VT <sup>3</sup>	Overall VT <sup>4</sup>
0.75	0.66
0.70	0.61
0.65	0.57
0.60	0.53
0.55	0.48
0.50	0.44
0.45	0.39
0.40	0.35
0.35	0.31
0.30	0.26
0.25	0.22
0.20	0.18
0.15	0.13
0.10	0.09
0.05	0.04

Laws and building and safety codes governing the design and use of Kawneer products, such as glazed entrance, window, and curtain wall products, vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

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Note:  
 Values in parentheses are metric.  
 COG=Center of Glass.  
 Charts are generated per AAMA 507.

### Trifab® 601T System U-Factor for Vision Glass

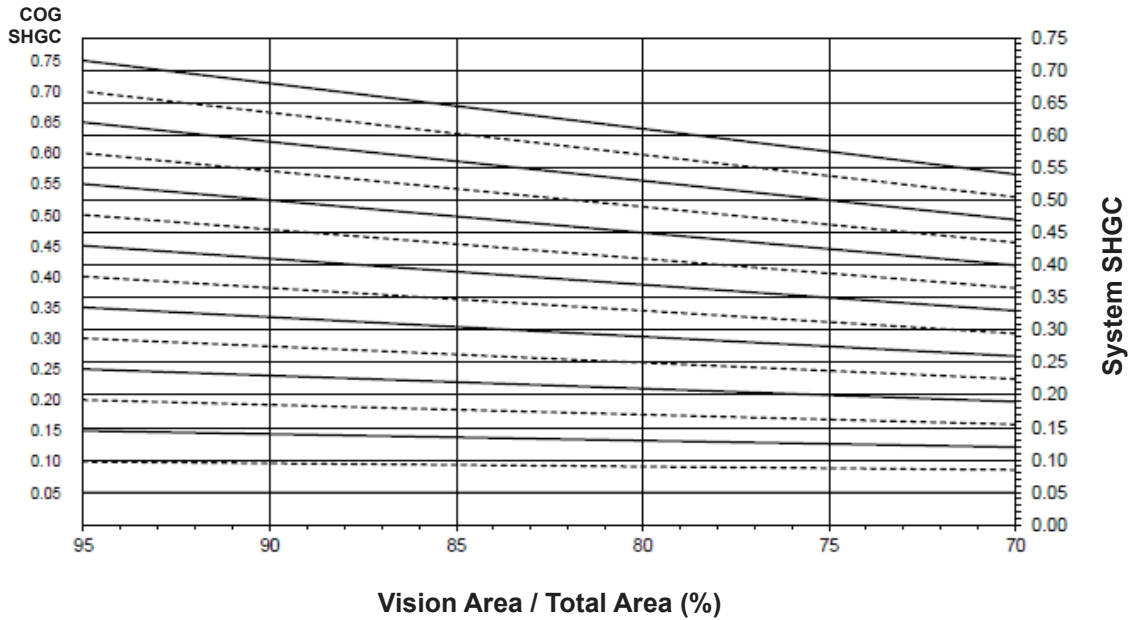


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Trifab® 601T

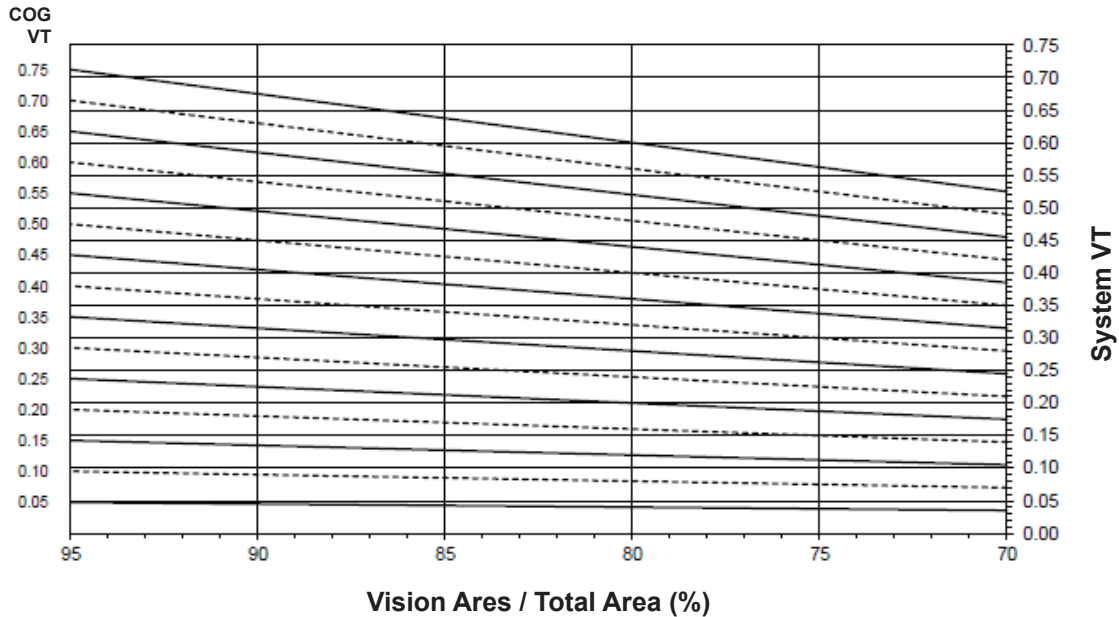
System Solar Heat Gain Coefficient (SHGC) vs Percent of Vision Area



Charts are generated per AAMA 507.

Trifab® 601T

System Visible Transmittance (VT) vs Percent of Vision Area



Charts are generated per AAMA 507.

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**Thermal Transmittance <sup>1</sup> (BTU/hr • ft <sup>2</sup> • °F)**

**Trifab® 601T**

Glass U-Factor <sup>3</sup>	Overall U-Factor <sup>4</sup>
0.48	0.55
0.46	0.54
0.44	0.53
0.42	0.51
0.40	0.50
0.38	0.48
0.36	0.46
0.34	0.45
0.32	0.43
0.30	0.42
0.28	0.40
0.26	0.38
0.24	0.37
0.22	0.35
0.20	0.34
0.18	0.31
0.16	0.30
0.14	0.28
0.12	0.26
0.10	0.25

**NOTE:** For glass values that are not listed, linear interpolation is permitted.

1. U-Factors are determined in accordance with NFRC 100.
2. SHGC and VT values are determined in accordance with NFRC 200.
3. Glass properties are based on center of glass values and are obtained from your glass supplier.
4. Overall U-Factor, SHGC, and VT Matrices are based on the standard NFRC specimen size of 2,000 mm wide by 2,000 mm high (78-3/4" by 78-3/4").

**SHGC Matrix <sup>2</sup>**

Glass SHGC <sup>3</sup>	Overall SHGC <sup>4</sup>
0.75	0.66
0.70	0.62
0.65	0.58
0.60	0.53
0.55	0.49
0.50	0.44
0.45	0.40
0.40	0.36
0.35	0.31
0.30	0.27
0.25	0.23
0.20	0.18
0.15	0.14
0.10	0.09
0.05	0.05

**Visible Transmittance <sup>2</sup>**

Glass VT <sup>3</sup>	Overall VT <sup>4</sup>
0.75	0.66
0.70	0.61
0.65	0.57
0.60	0.53
0.55	0.48
0.50	0.44
0.45	0.39
0.40	0.35
0.35	0.31
0.30	0.26
0.25	0.22
0.20	0.18
0.15	0.13
0.10	0.09
0.05	0.04

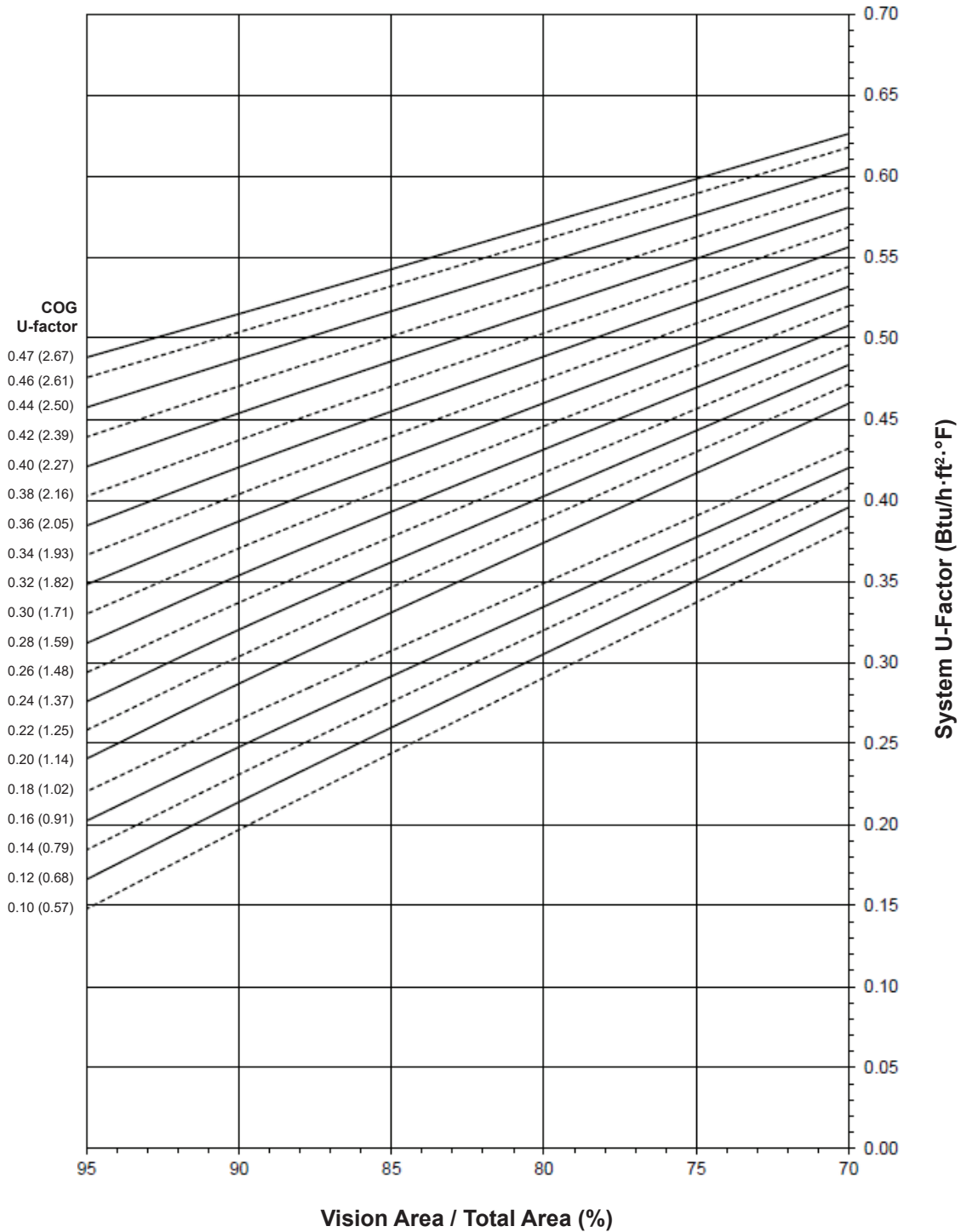
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Note:  
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 COG=Center of Glass.  
 Charts are generated per AAMA 507.

**Trifab® 601UT**  
**System U-Factor for Vision Glass**



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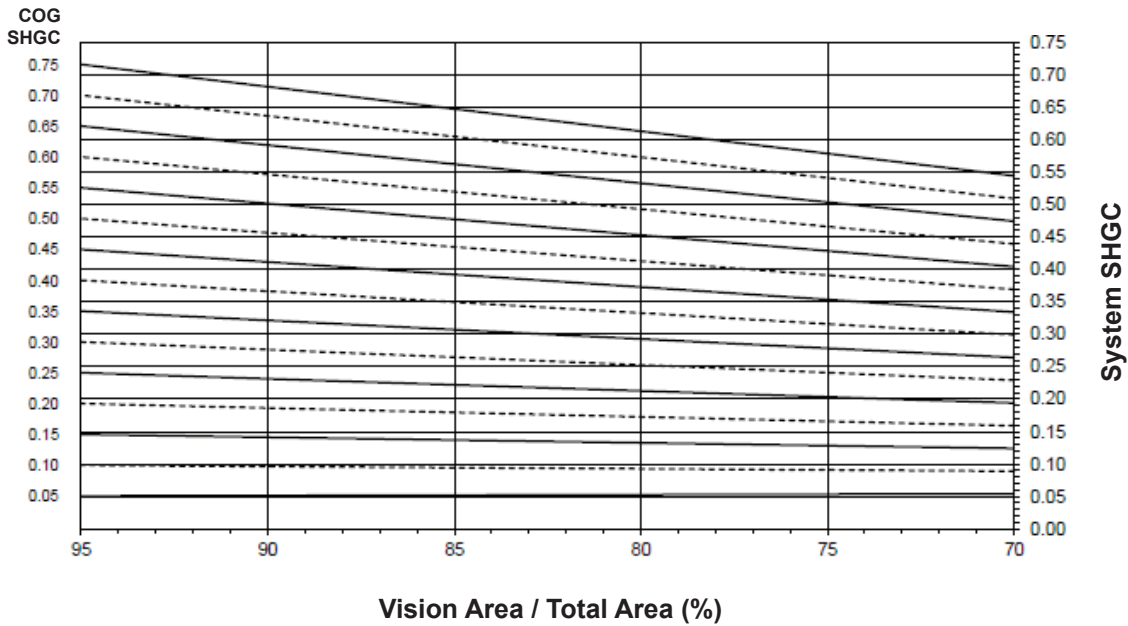
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Trifab® 601UT

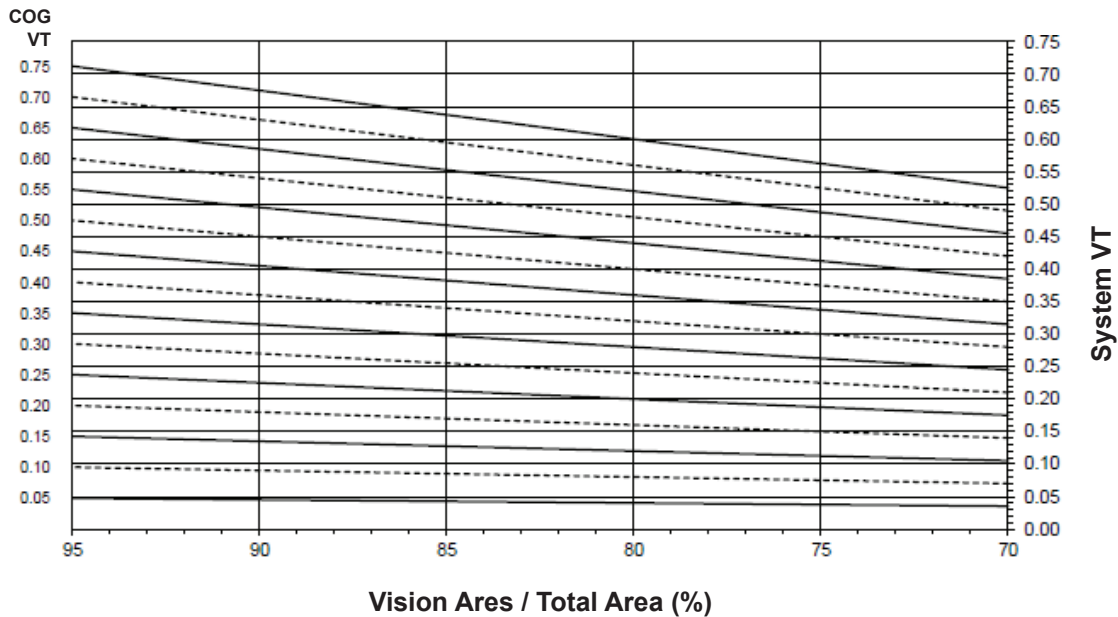
System Solar Heat Gain Coefficient (SHGC) vs Percent of Vision Area



Charts are generated per AAMA 507.

Trifab® 601UT

System Visible Transmittance (VT) vs Percent of Vision Area



Charts are generated per AAMA 507.

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## Trifab® 601UT

Thermal Transmittance <sup>1</sup> (BTU/hr • ft<sup>2</sup> • °F)

Glass U-Factor <sup>3</sup>	Overall U-Factor <sup>4</sup>
0.48	0.53
0.46	0.52
0.44	0.50
0.42	0.48
0.40	0.47
0.38	0.45
0.36	0.44
0.34	0.42
0.32	0.40
0.30	0.39
0.28	0.37
0.26	0.36
0.24	0.34
0.22	0.32
0.20	0.31
0.18	0.28
0.16	0.27
0.14	0.25
0.12	0.24
0.10	0.22

**NOTE:** For glass values that are not listed, linear interpolation is permitted.

1. U-Factors are determined in accordance with NFRC 100.
2. SHGC and VT values are determined in accordance with NFRC 200.
3. Glass properties are based on center of glass values and are obtained from your glass supplier.
4. Overall U-Factor, SHGC, and VT Matricies are based on the standard NFRC specimen size of 2,000 mm wide by 2,000 mm high (78-3/4" by 78-3/4").

SHGC Matrix <sup>2</sup>

Glass SHGC <sup>3</sup>	Overall SHGC <sup>4</sup>
0.75	0.67
0.70	0.62
0.65	0.58
0.60	0.53
0.55	0.49
0.50	0.45
0.45	0.40
0.40	0.36
0.35	0.31
0.30	0.27
0.25	0.23
0.20	0.18
0.15	0.14
0.10	0.10
0.05	0.05

Visible Transmittance <sup>2</sup>

Glass VT <sup>3</sup>	Overall VT <sup>4</sup>
0.75	0.66
0.70	0.61
0.65	0.57
0.60	0.53
0.55	0.48
0.50	0.44
0.45	0.39
0.40	0.35
0.35	0.31
0.30	0.26
0.25	0.22
0.20	0.18
0.15	0.13
0.10	0.09
0.05	0.04

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