Features

- Trifab® VersaGlaze® 601/601T/601UT is 6" (152.4) deep with a 2" (50.8) sightline
- Front glass applications
- Flush glazed from either the inside or outside
- Screw Spline, Shear Block, and Stick (Standard and SSG) 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 option
- 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)
- Profit$Maker® Plus die sets available

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 Window are easily incorporated.

For specific product applications,
consult your Kawneer representative.

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

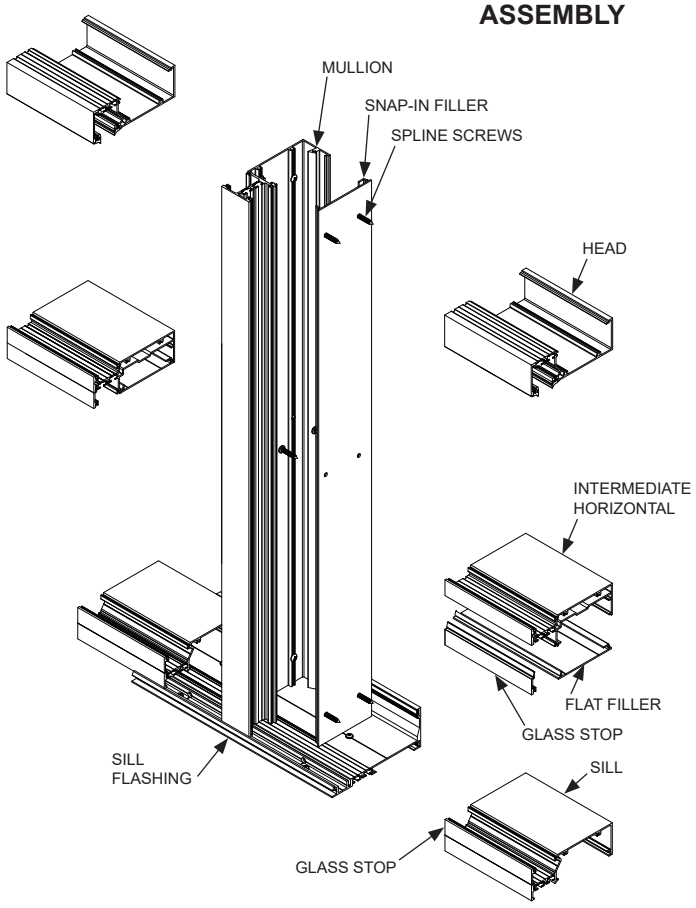
The following metric (SI) units are found in these details:

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

Trifab® VersaGlaze® 601/601T/601UT Framing System

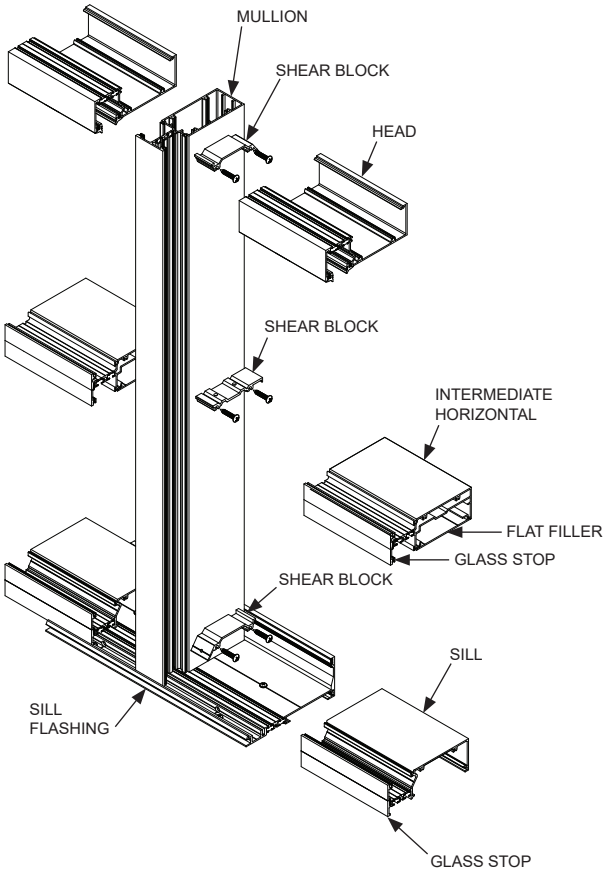
The split vertical in the **Screw Spline** system allows a frame to be installed from unitized assemblies. Screws are driven through the back of the verticals into splines extruded in the horizontal framing members. The Individual units are then snapped together to form a complete frame.

SCREW SPLINE ASSEMBLY



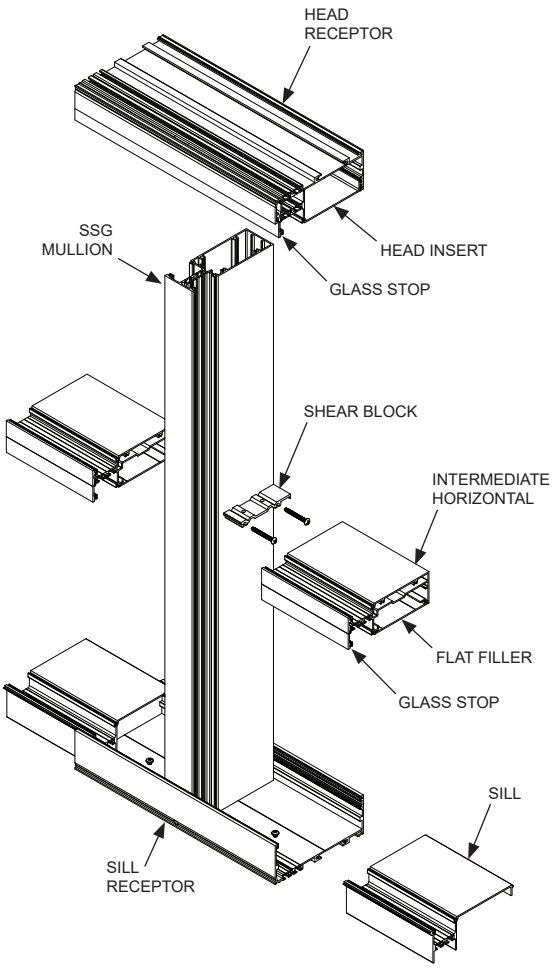
The **Shear Block** system of fabrication allows a frame to be pre-assembled as a single unit. Horizontals are attached to the verticals with shear blocks.

SHEAR BLOCK ASSEMBLY

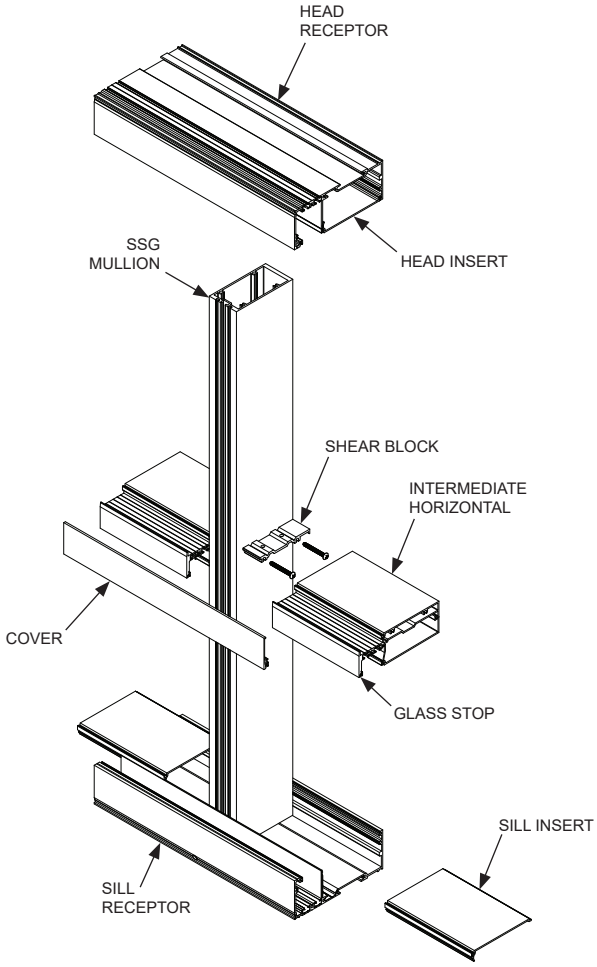


The **Stick** system allows on-site construction. Head and sill receptors are fastened to the surround. Vertical mullions are then installed in these receptors and are held in place by snap-in inserts. Intermediate horizontal members are attached to the verticals with shear blocks. Flashing is not required.

STICK ASSEMBLY

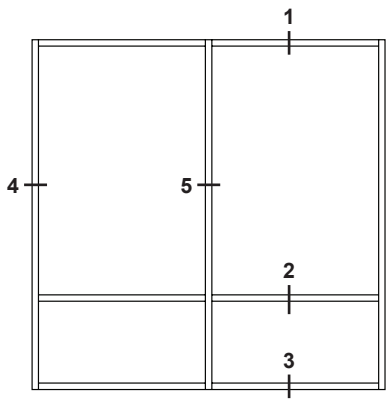


STICK ASSEMBLY (SSG)

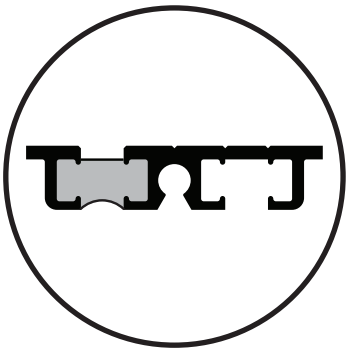


NOTE:
If the end reaction of the mullion (mullion spacing (ft.) times height (ft.) times specified wind load (psf) divided by two) is more than 500 lbs., the optional mullion anchors must be used. (See page 15)

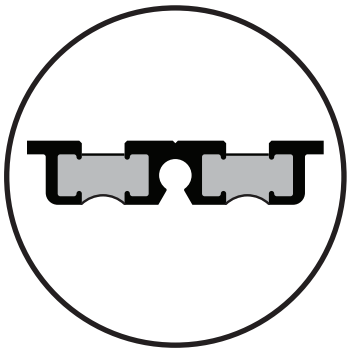
Additional information and CAD details are available at www.kawneer.com



ELEVATION IS NUMBER KEYED TO DETAILS

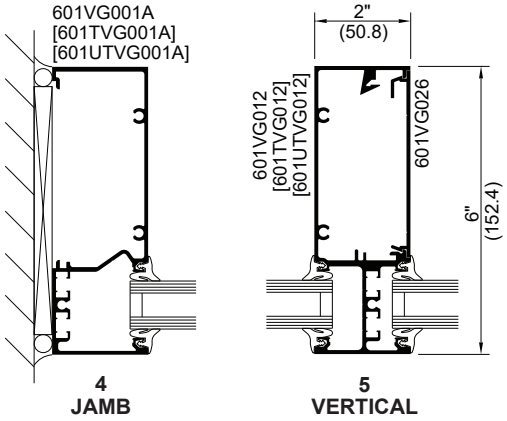


Trifab® VG 601T IsoLock® Thermal Break
Part Number Prefix: [601TVG...]

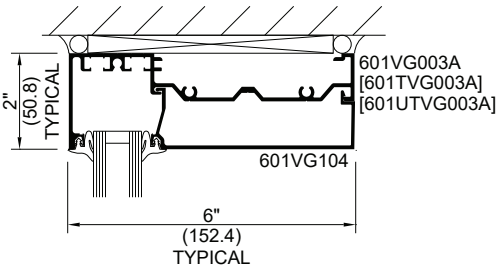


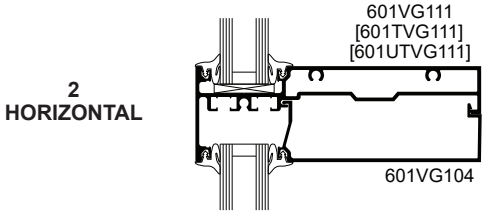
Trifab® VG 601UT Dual IsoLock® Thermal Break
Part Number Prefix: [601UTVG...]

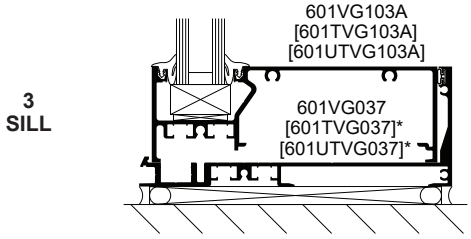
SCREW SPLINE



4 JAMB **5 VERTICAL**

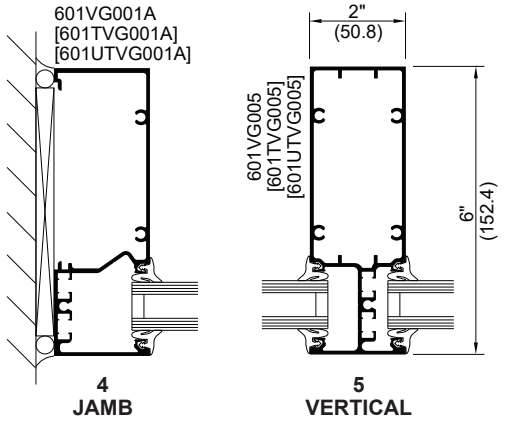




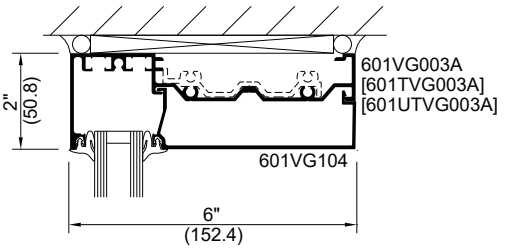


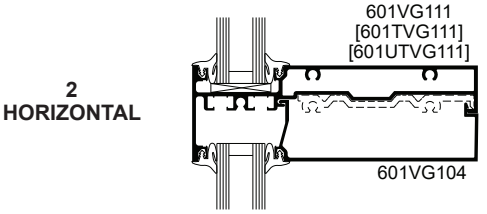
* HP Sill Flashing shown with optional gasket.

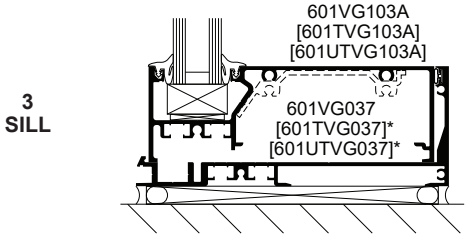
SHEAR BLOCK



4 JAMB **5 VERTICAL**





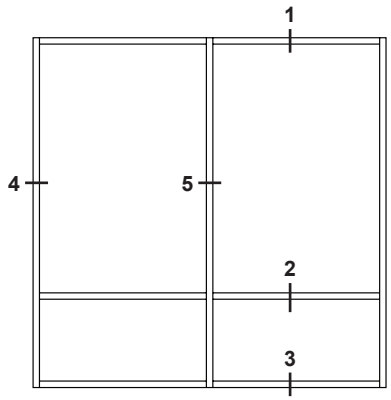


* HP Sill Flashing shown with optional gasket.

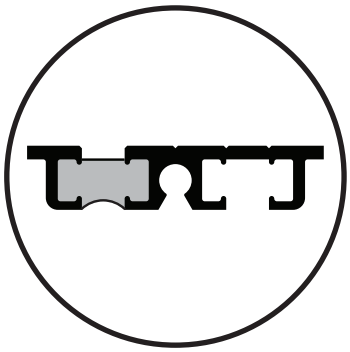
Trifab® VersaGlaze® 601/601T/601UT Framing System

BASIC FRAMING DETAILS (Outside Glazed - Stops Down)

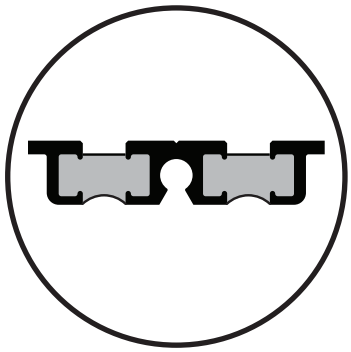
Additional information and CAD details are available at www.kawneer.com



ELEVATION IS NUMBER KEYED TO DETAILS

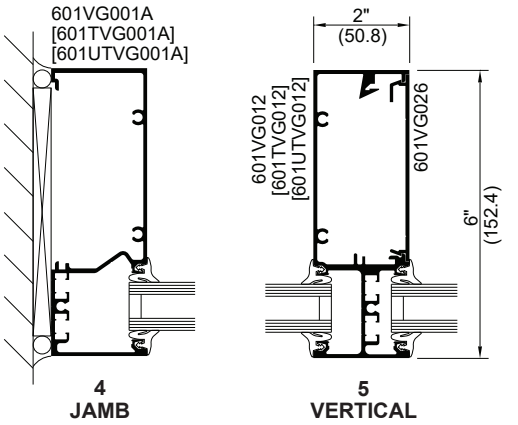


Trifab® VG 601T IsoLock® Thermal Break
Part Number Prefix: [601TVG...]

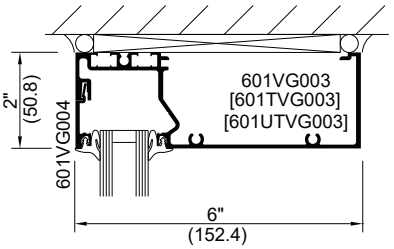


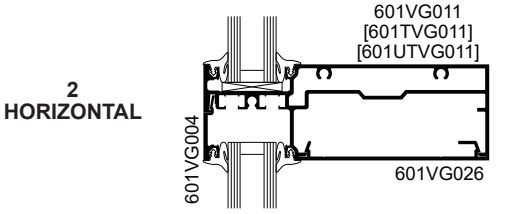
Trifab® VG 601UT Dual IsoLock® Thermal Break
Part Number Prefix: [601UTVG...]

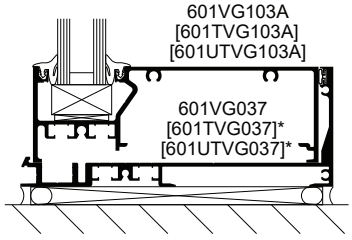
SCREW SPLINE



4 JAMB **5 VERTICAL**

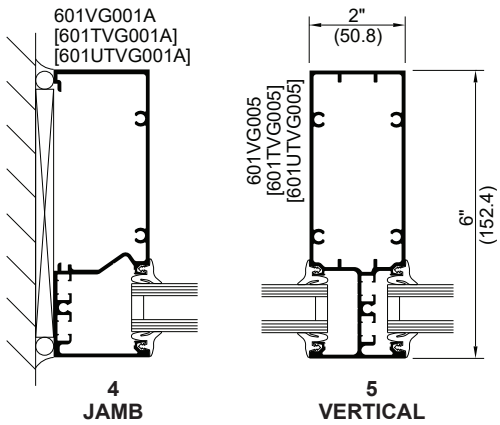




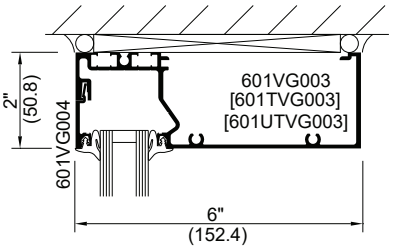


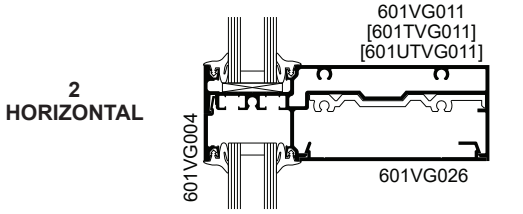
* HP Sill Flashing shown with optional gasket.

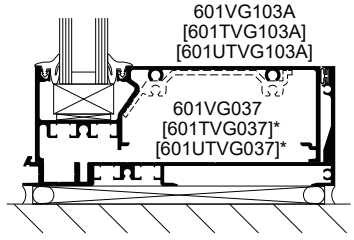
SHEAR BLOCK



4 JAMB **5 VERTICAL**



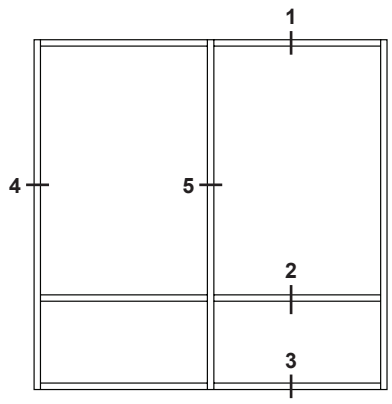




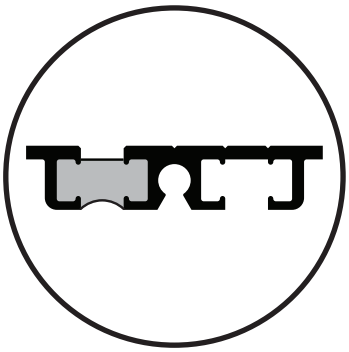
* HP Sill Flashing shown with optional gasket.

Trifab® VersaGlaze® 601/601T/601UT Framing System

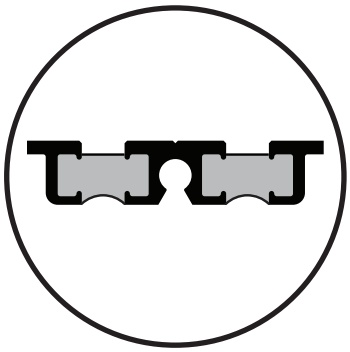
Additional information and CAD details are available at www.kawneer.com



ELEVATION IS NUMBER KEYED TO DETAILS

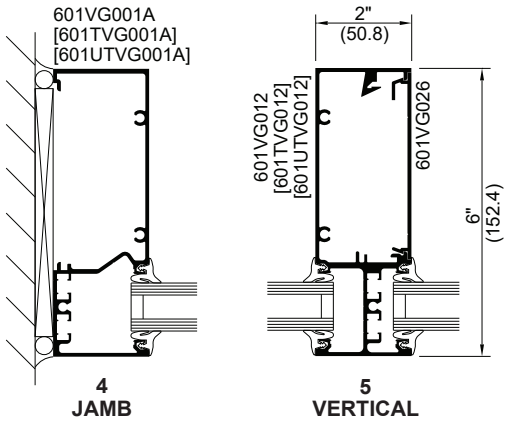


Trifab® VG 601T IsoLock® Thermal Break
Part Number Prefix: [601TVG...]

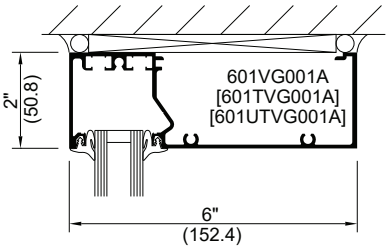


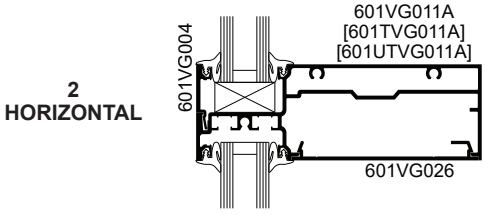
Trifab® VG 601UT Dual IsoLock® Thermal Break
Part Number Prefix: [601UTVG...]

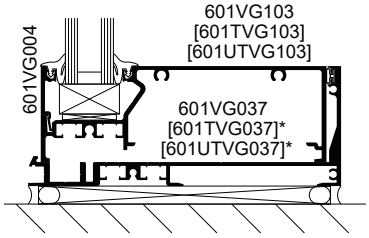
SCREW SPLINE



4 JAMB **5 VERTICAL**

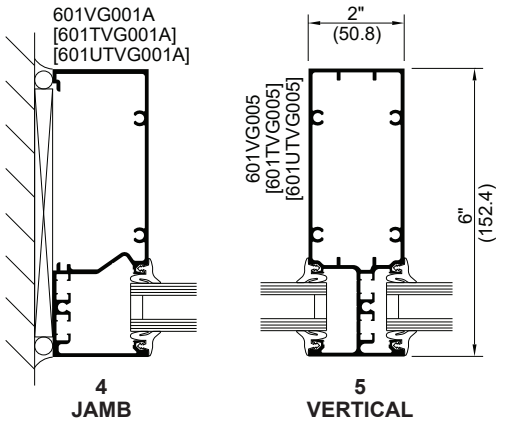




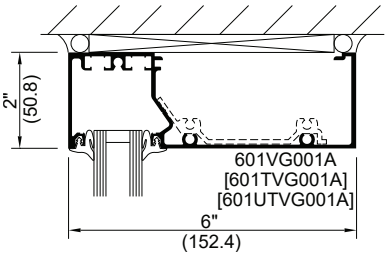


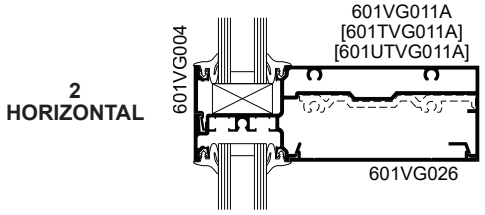
* HP Sill Flashing shown with optional gasket.

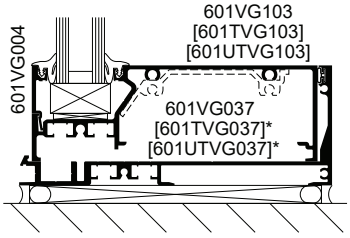
SHEAR BLOCK



4 JAMB **5 VERTICAL**

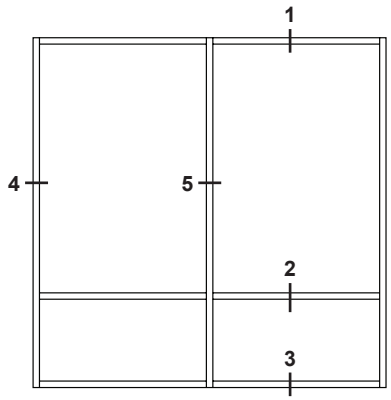




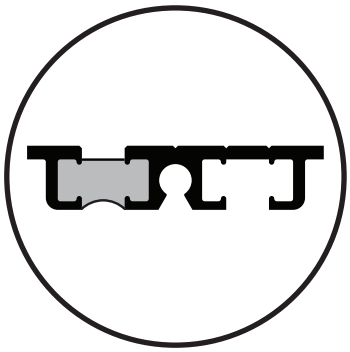


* HP Sill Flashing shown with optional gasket.

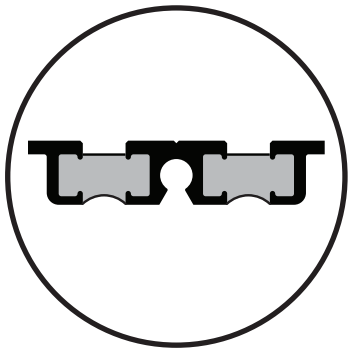
Additional information and CAD details are available at www.kawneer.com



ELEVATION IS NUMBER KEYED TO DETAILS

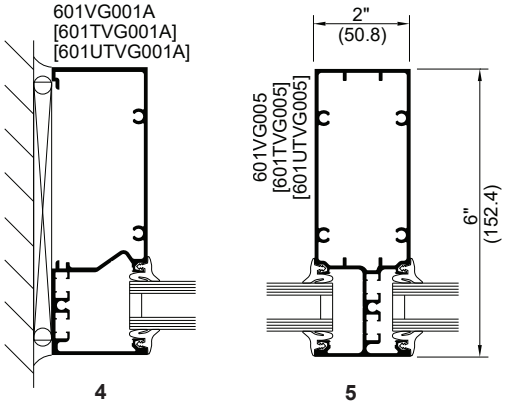


Trifab® VG 601T IsoLock® Thermal Break
Part Number Prefix: [601TVG...]

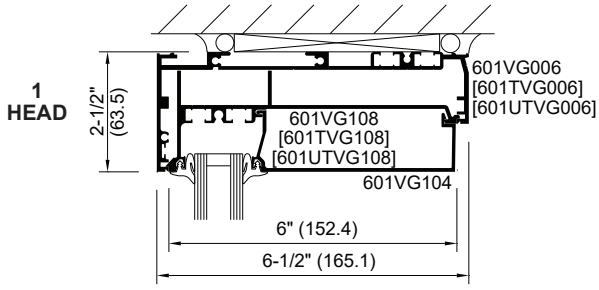


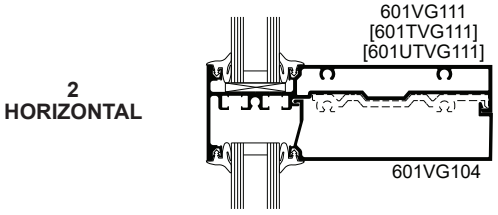
Trifab® VG 601UT Dual IsoLock® Thermal Break
Part Number Prefix: [601UTVG...]

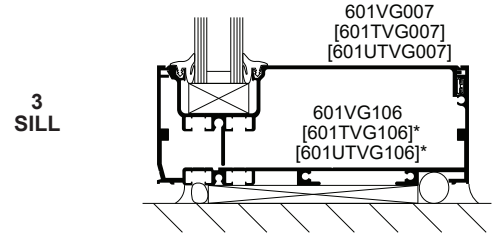
STICK (STANDARD)



4 JAMB **5 VERTICAL**





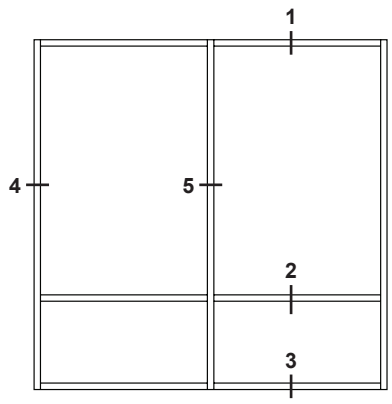


* Sill Receptor shown with optional gasket.

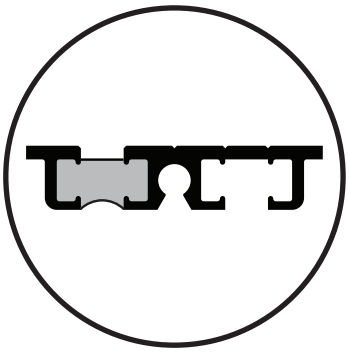
Trifab® VersaGlaze® 601/601T/601UT Framing System

STANDARD STICK (Standard Outside Glazed - Stops Down, Stops Up)

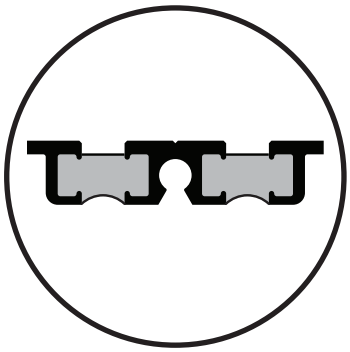
Additional information and CAD details are available at www.kawneer.com



ELEVATION IS NUMBER KEYED TO DETAILS

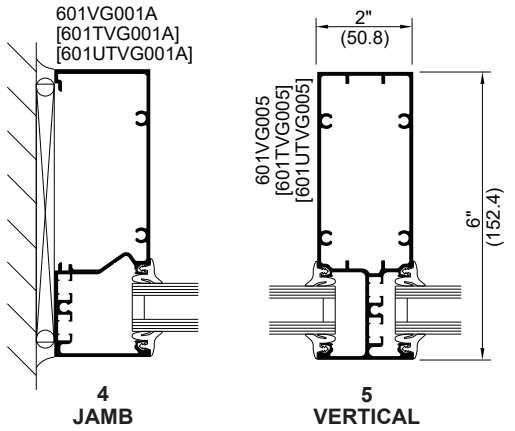


Trifab® VG 601T IsoLock® Thermal Break
Part Number Prefix: [601TVG...]

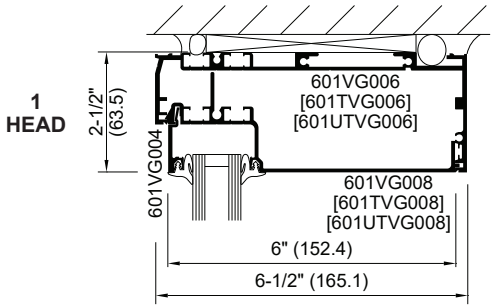


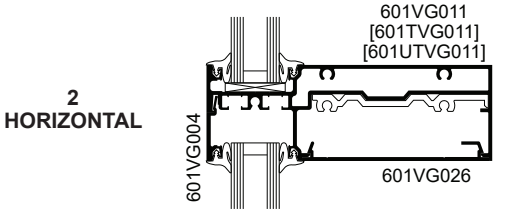
Trifab® VG 601UT Dual IsoLock® Thermal Break
Part Number Prefix: [601UTVG...]

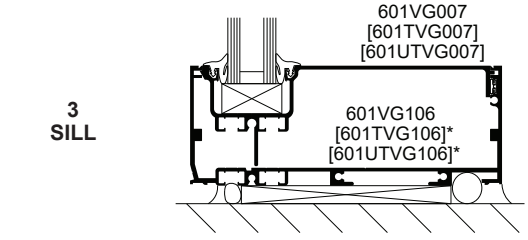
STICK (STANDARD) STOPS DOWN



4 JAMB **5 VERTICAL**

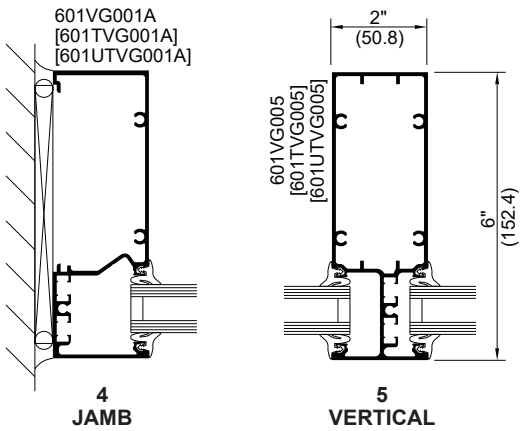




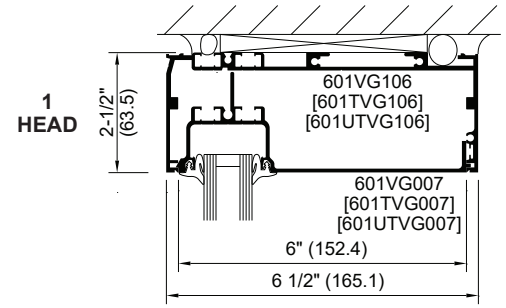


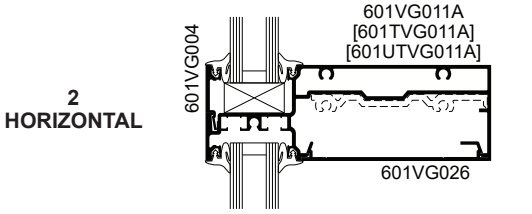
* Sill Receptor shown with optional gasket.

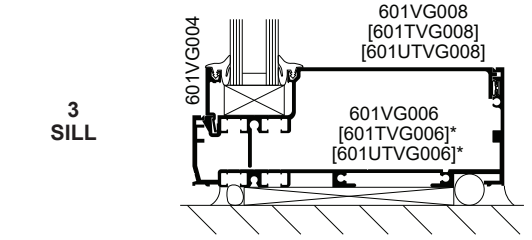
STICK (STANDARD) STOPS UP



4 JAMB **5 VERTICAL**





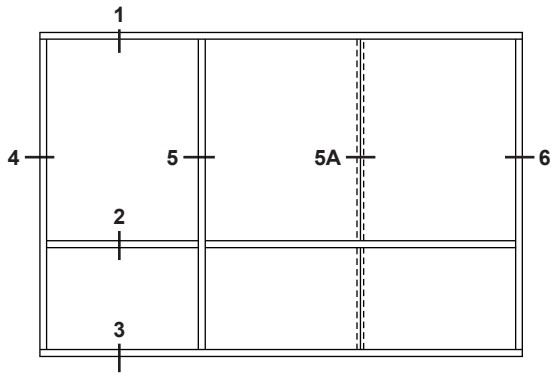


* Sill Receptor shown with optional gasket.

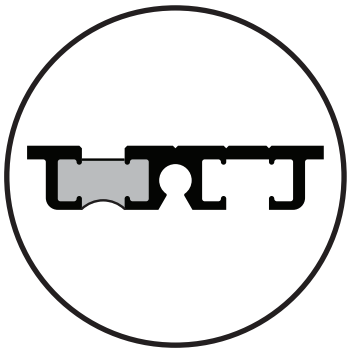
Trifab® VersaGlaze® 601/601T/601UT Framing System

SSG STICK FRAMING DETAILS (Standard Receptor Adapted for SSG)

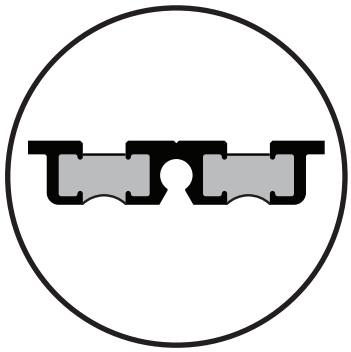
Additional information and CAD details are available at www.kawneer.com



ELEVATION IS NUMBER KEYED TO DETAILS

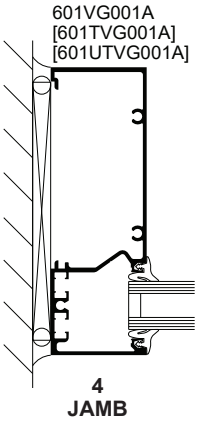


Trifab® VG 601T IsoLock® Thermal Break
Part Number Prefix: [601TVG...]

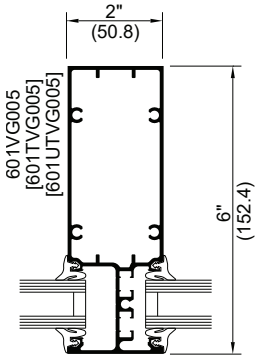


Trifab® VG 601UT Dual IsoLock® Thermal Break
Part Number Prefix: [601UTVG...]

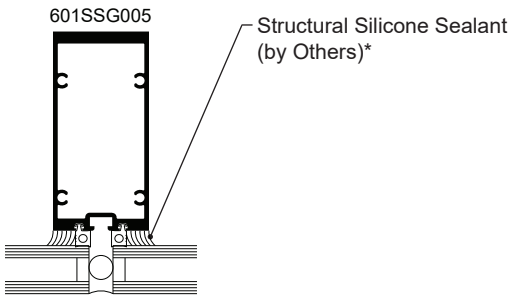
STANDARD STICK (INSIDE GLAZED)
STANDARD RECEPTOR ADAPTED SSG



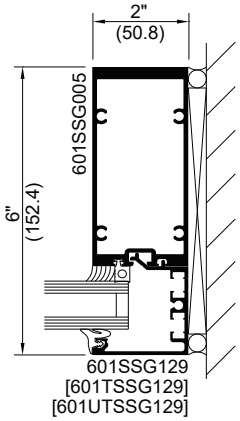
4
JAMB



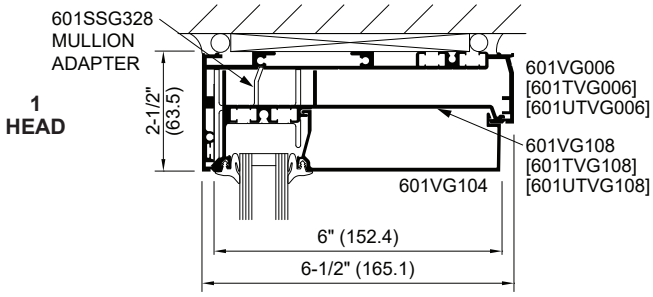
5
VERTICAL



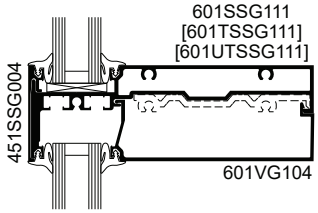
5A
SSG VERTICAL



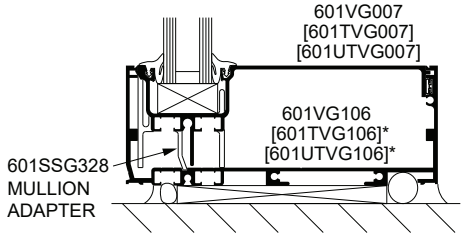
6
SSG JAMB



1
HEAD



2
HORIZONTAL

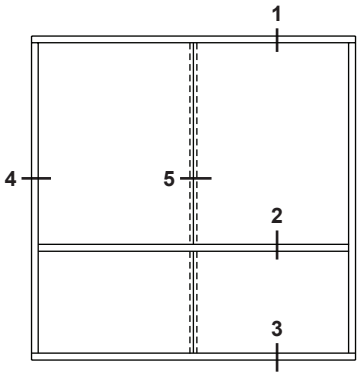


3
SILL

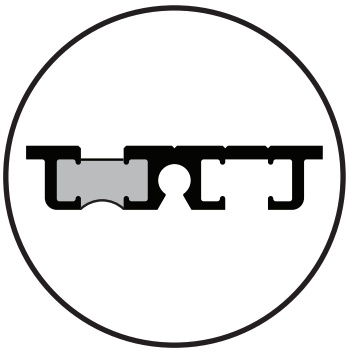
* Sill Receptor shown with optional gasket.

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

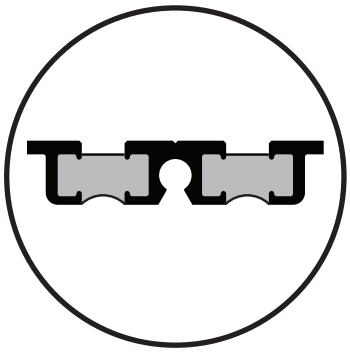
Additional information and CAD details are available at www.kawneer.com



ELEVATION IS NUMBER KEYED TO DETAILS

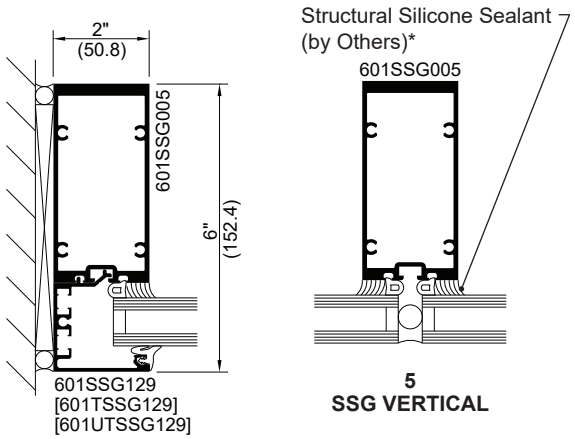


Trifab® VG 601T IsoLock® Thermal Break
Part Number Prefix: [601TVG...]



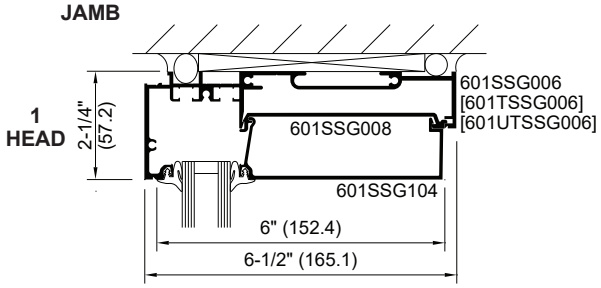
Trifab® VG 601UT Dual IsoLock® Thermal Break
Part Number Prefix: [601UTVG...]

STICK (INSIDE GLAZED) SSG RECEPTOR

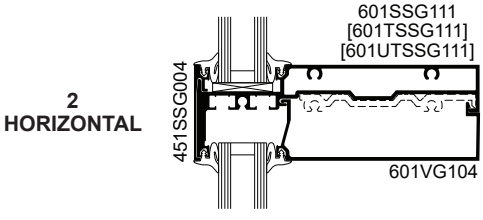


5 SSG VERTICAL

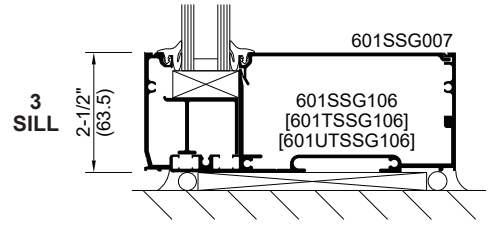
4 JAMB



1 HEAD

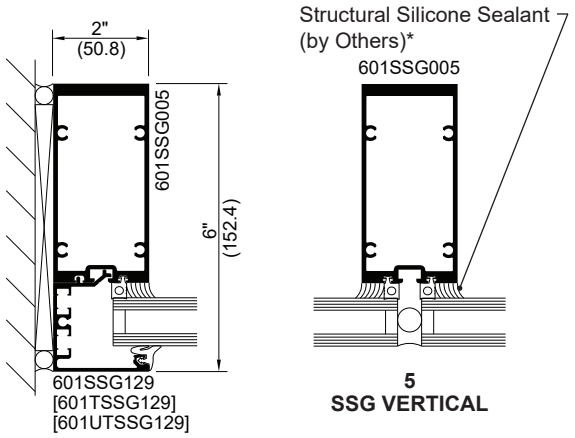


2 HORIZONTAL



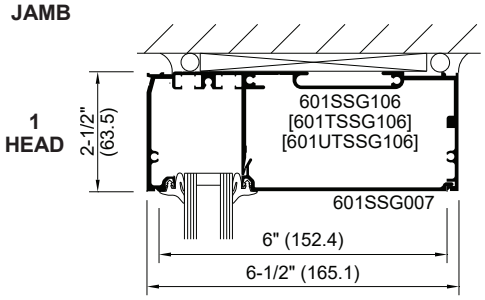
3 SILL

STICK (OUTSIDE GLAZED) SSG RECEPTOR

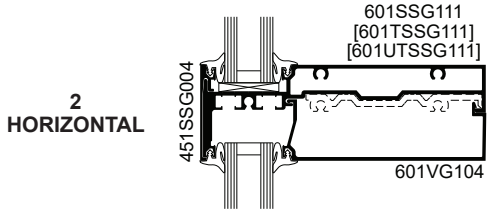


5 SSG VERTICAL

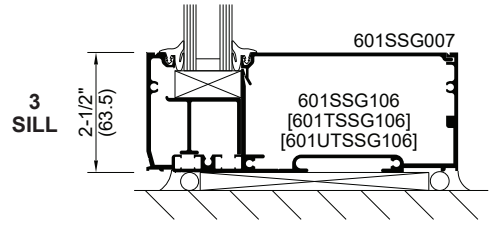
4 JAMB



1 HEAD



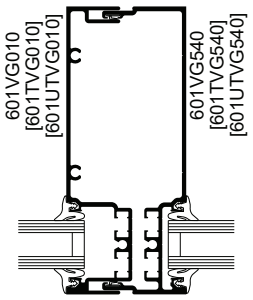
2 HORIZONTAL



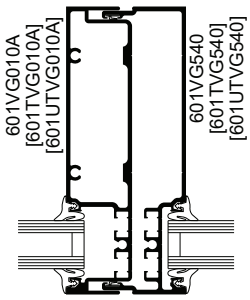
3 SILL

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

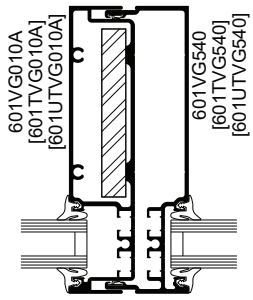
Additional information and CAD details are available at www.kawneer.com



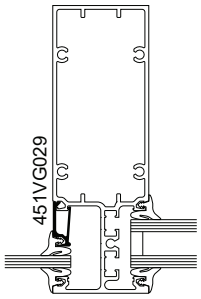
EXPANSION MULLION



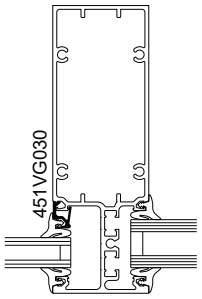
TUBULAR EXPANSION MULLION



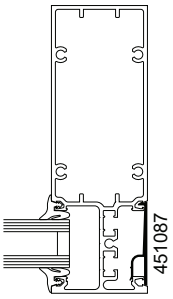
TUBULAR EXPANSION MULLION WITH STEEL



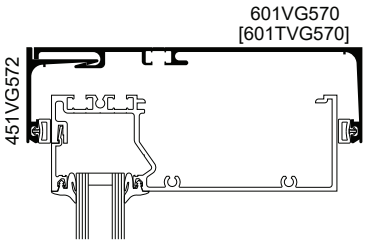
1/4" (6.4) INFILL SNAP-IN ADAPTOR



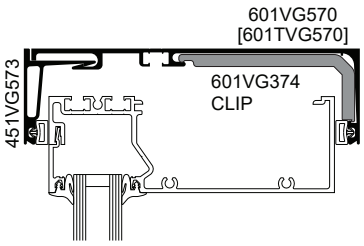
5/8" (15.9) INFILL SNAP-IN ADAPTOR



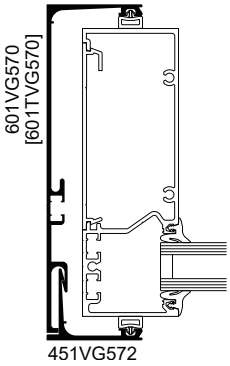
SNAP-IN FLAT FILLER



STANDARD - HEAD COMPENSATING RECEPTOR
(EXTERIOR INSTALLED)

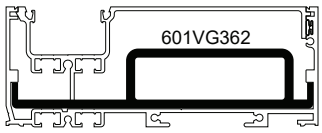


HEAVY WEIGHT - HEAD COMPENSATING RECEPTOR
(EXTERIOR INSTALLED)

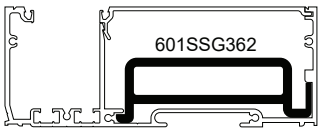


JAMB COMPENSATING RECEPTOR
(EXTERIOR INSTALLED)

Additional information and CAD details are available at www.kawneer.com



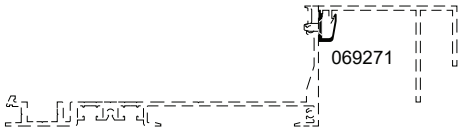
MULLION ANCHOR



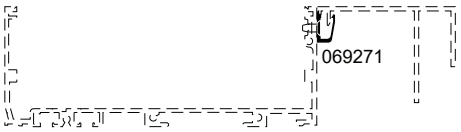
SSG MULLION ANCHOR

NOTE:
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 Anchor must be used. Consult Application Engineering.

NOTE:
Mullion Anchor not used with Lightweight Receptor.

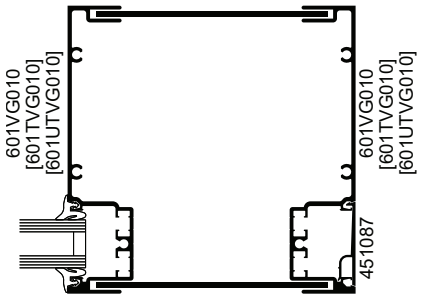


STOOL TRIM CLIP
with HP FLASHING

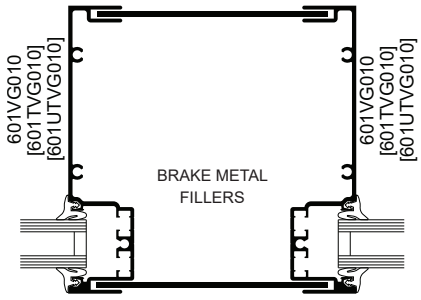


STOOL TRIM CLIP
FOR STICK ASSEMBLY

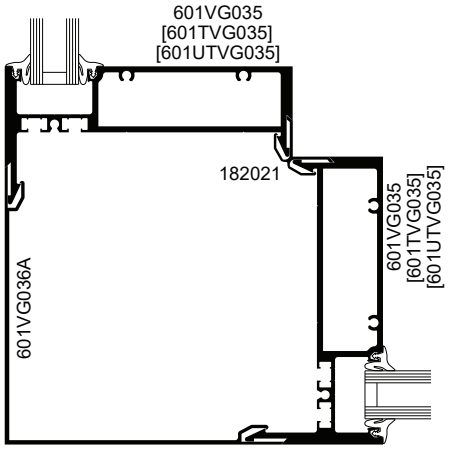
Additional information and CAD details are available at www.kawneer.com



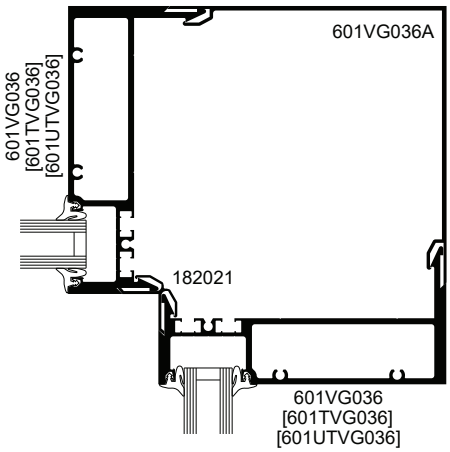
ONE POCKET
BREAK METAL POST



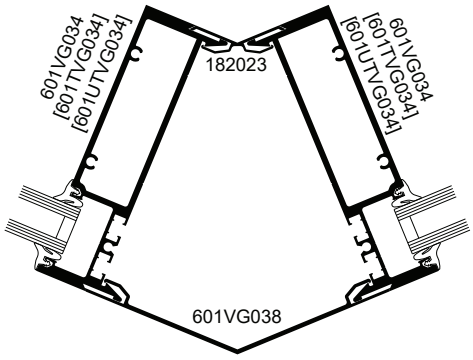
TWO POCKET
BRAKE METAL POST



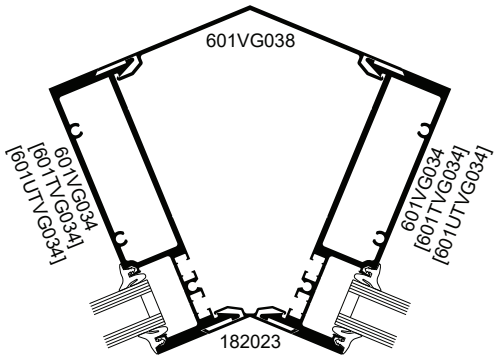
90° OUTSIDE CORNER



90° INSIDE CORNER



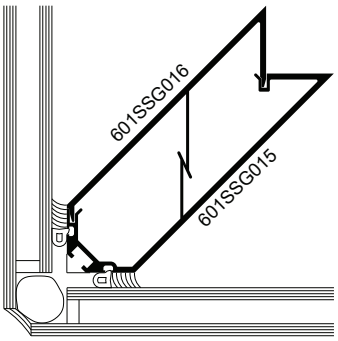
135° OUTSIDE CORNER



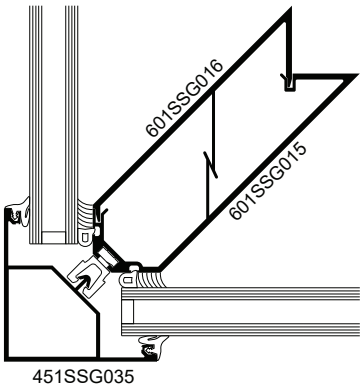
135° INSIDE CORNER

Additional information and CAD details are available at www.kawneer.com

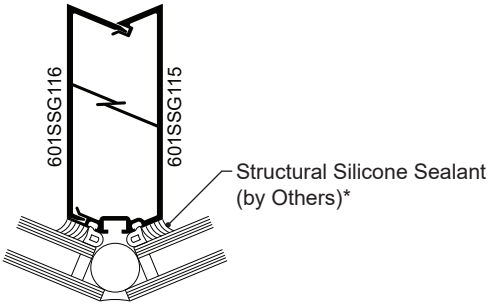
SSG CORNERS



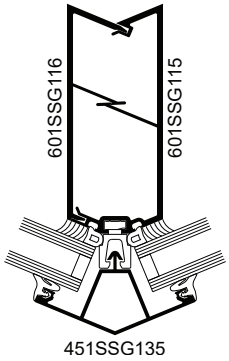
90° OUTSIDE SSG CORNER



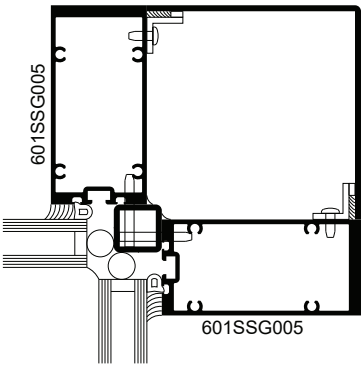
90° OUTSIDE SSG DART CORNER



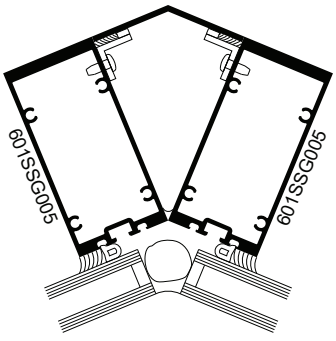
135° OUTSIDE SSG CORNER



135° OUTSIDE SSG DART CORNER



90° INSIDE SSG CORNER



135° INSIDE SSG CORNER

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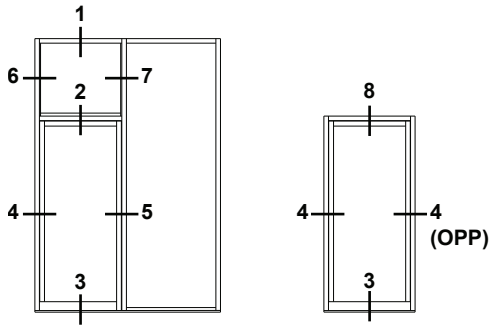
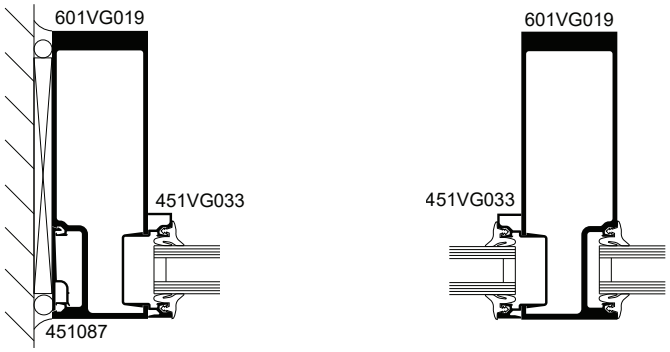
Trifab® VersaGlaze® 601 FRAMING INCORPORATING KAWNEER “190” DOORS.

DOOR FRAMING NON-THERMAL

NOTE: OTHER TYPES OF KAWNEER DOORS MAY BE USED WITH THIS FRAMING SYSTEM. SEE ENTRANCE DETAILS FOR ADDITIONAL INFORMATION.

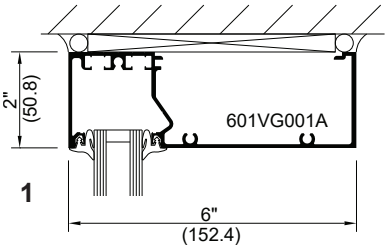


ELEVATIONS ARE NUMBER KEYED TO DETAILS

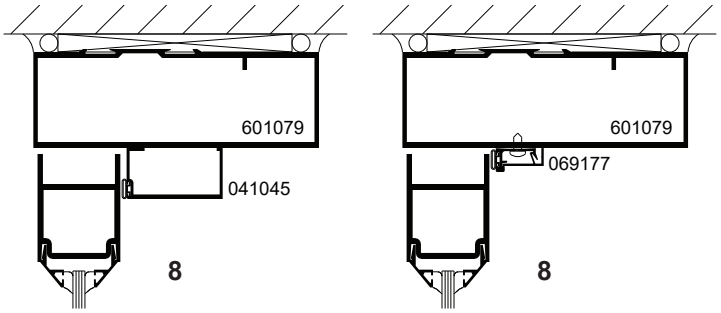


6 **TRANSOM JAMBS** **7**

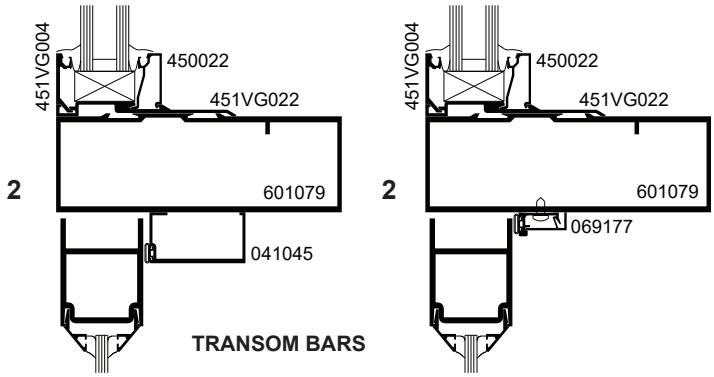
Transom area for both double or single acting doors with glass surround. Jambs above transom bar are routed out to accept glass holding insert.



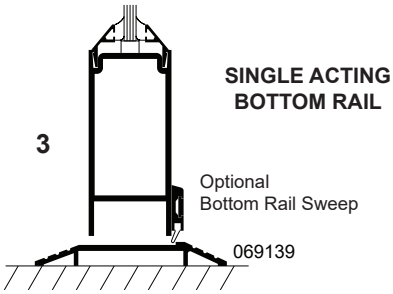
TRANSOM HEAD



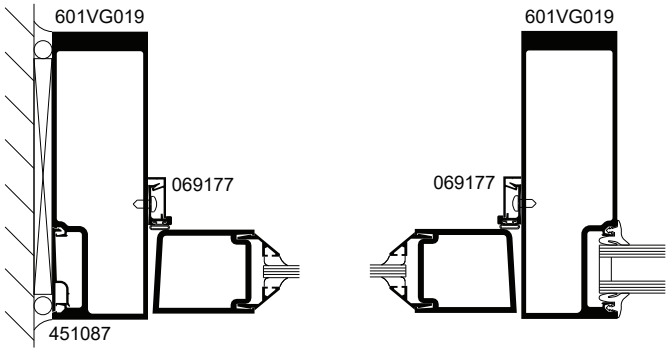
SINGLE ACTING HEADERS



TRANSOM BARS



SINGLE ACTING BOTTOM RAIL



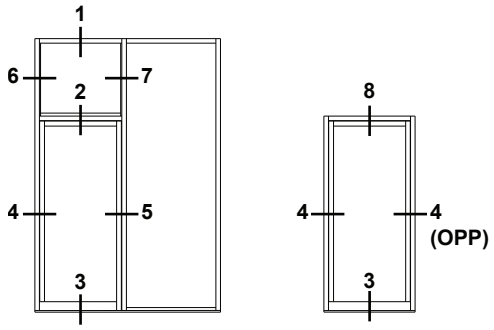
4 **SINGLE ACTING DOOR JAMBS** **5**

Additional information and CAD details are available at www.kawneer.com

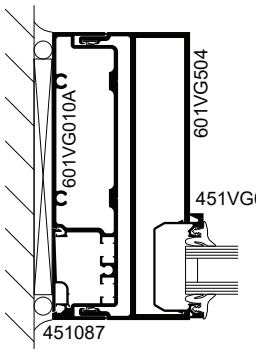
Trifab® VersaGlaze® 601 FRAMING INCORPORATING KAWNEER “190” DOORS.

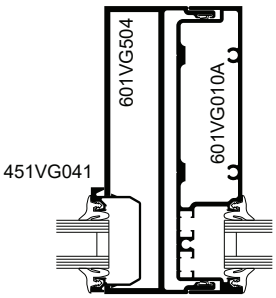
DOOR FRAMING NON-THERMAL

NOTE: OTHER TYPES OF KAWNEER DOORS MAY BE USED WITH THIS FRAMING SYSTEM. SEE ENTRANCE DETAILS FOR ADDITIONAL INFORMATION.



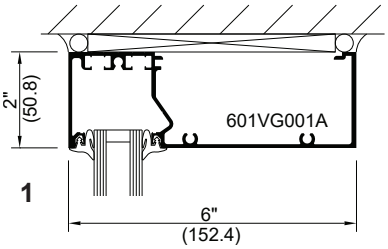
ELEVATIONS ARE NUMBER KEYED TO DETAILS



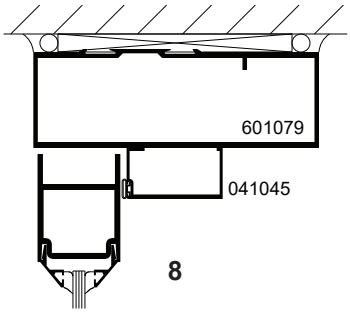


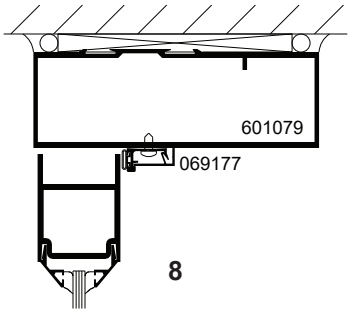
6 **TRANSOM JAMBS** **7**

Transom area for both double or single acting doors with glass surround. Jambs above transom bar are routed out to accept glass holding insert.

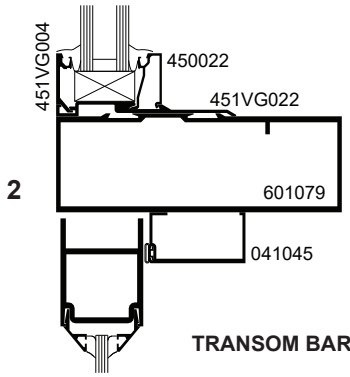


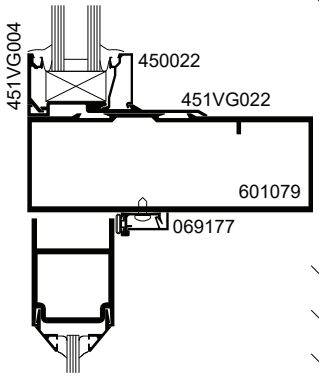
TRANSOM HEAD



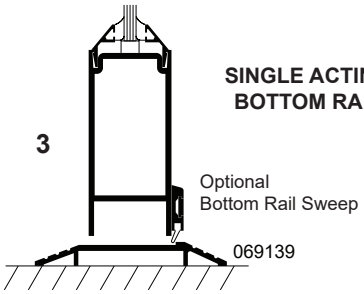


SINGLE ACTING HEADERS

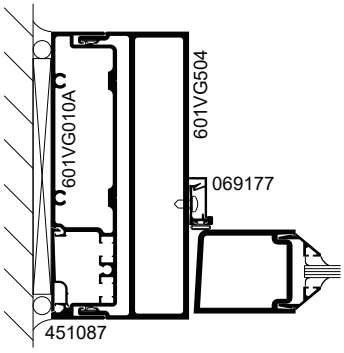


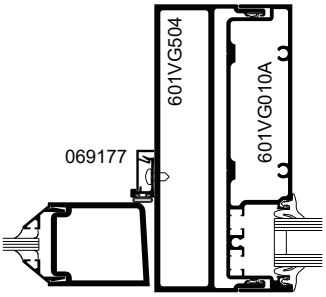


TRANSOM BARS



SINGLE ACTING BOTTOM RAIL





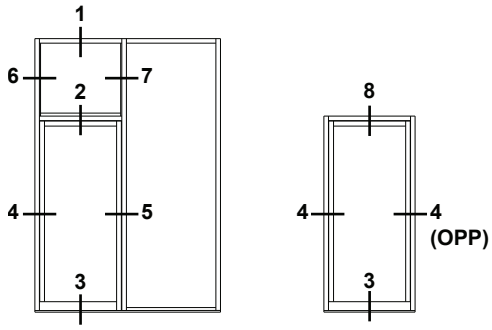
4 **SINGLE ACTING DOOR JAMBS** **5**

Additional information and CAD details are available at www.kawneer.com

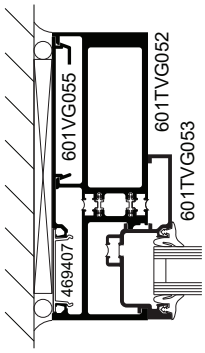
Trifab® VersaGlaze® 601UT FRAMING INCORPORATING KAWNEER 250T INSULPOUR® THERMAL ENTRANCE.

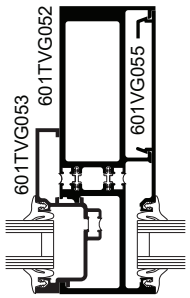
DOOR FRAMING THERMAL

NOTE: OTHER TYPES OF KAWNEER DOORS MAY BE USED WITH THIS FRAMING SYSTEM. SEE ENTRANCE DETAILS FOR ADDITIONAL INFORMATION.



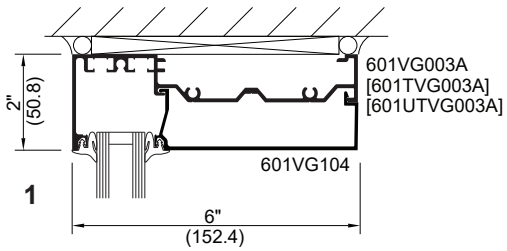
ELEVATIONS ARE NUMBER KEYED TO DETAILS



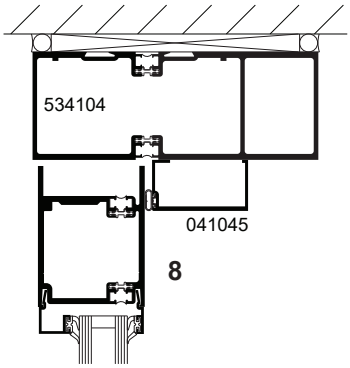


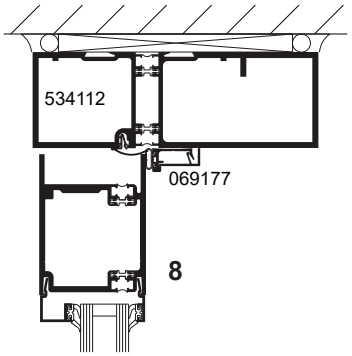
6 **TRANSOM JAMBS** **7**

Transom area for both double or single acting doors with glass surround. Jambs above transom bar are routed out to accept glass holding insert.

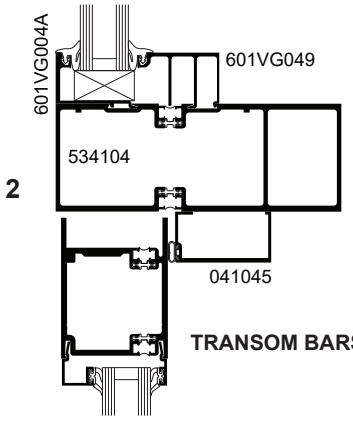


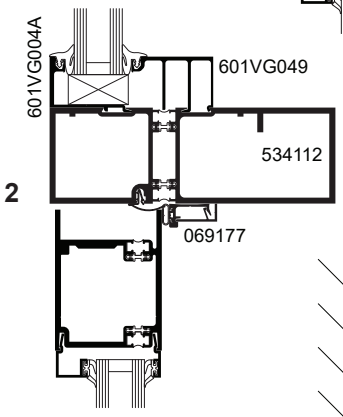
TRANSOM HEAD



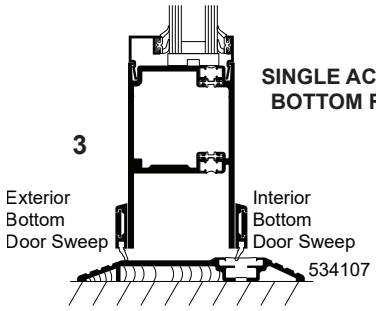


SINGLE ACTING HEADERS

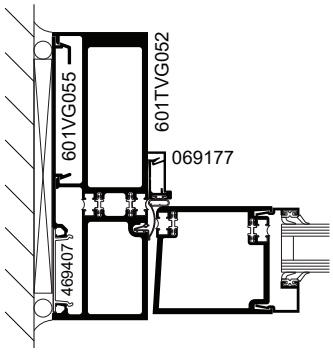


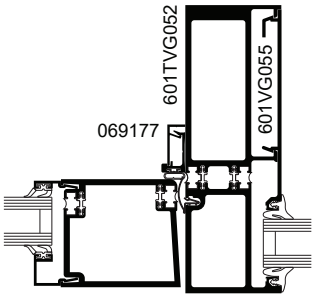


TRANSOM BARS



SINGLE ACTING BOTTOM RAIL





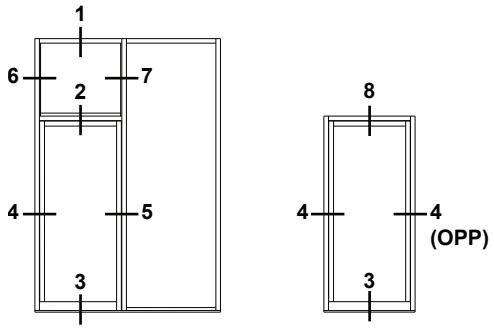
4 **SINGLE ACTING DOOR JAMBS** **5**

Additional information and CAD details are available at www.kawneer.com

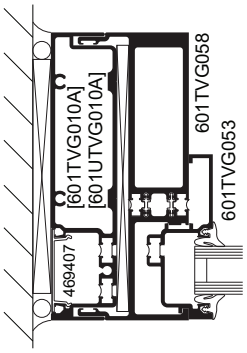
Trifab® VersaGlaze® 601UT FRAMING INCORPORATING KAWNEER 250T INSULPOUR® THERMAL ENTRANCE.

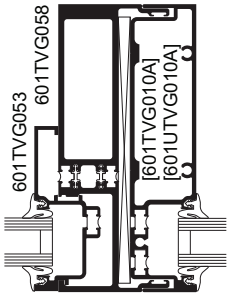
DOOR FRAMING THERMAL

NOTE: OTHER TYPES OF KAWNEER DOORS MAY BE USED WITH THIS FRAMING SYSTEM. SEE ENTRANCE DETAILS FOR ADDITIONAL INFORMATION.



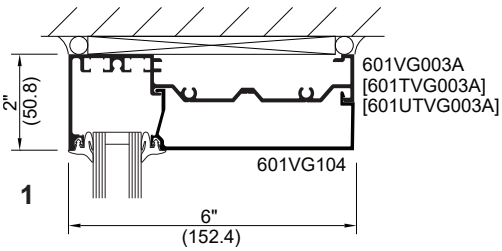
ELEVATIONS ARE NUMBER KEYED TO DETAILS



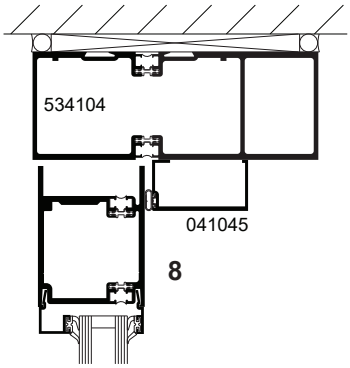


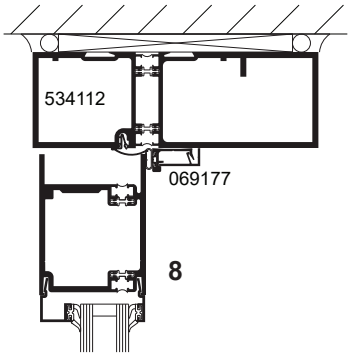
6 **TRANSOM JAMBS** **7**

Transom area for both double or single acting doors with glass surround. Jambs above transom bar are routed out to accept glass holding insert.

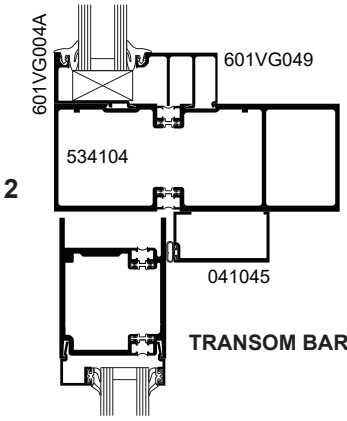


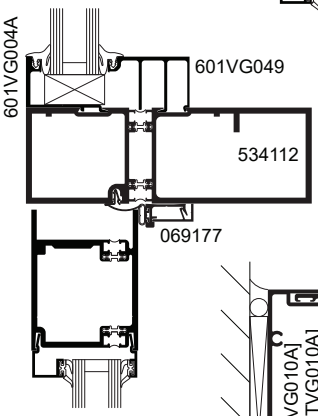
TRANSOM HEAD



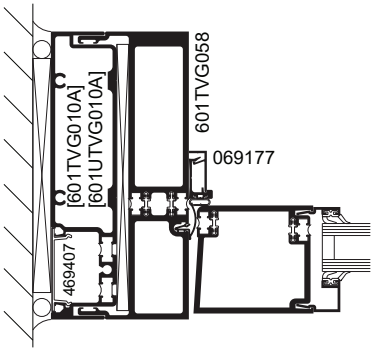


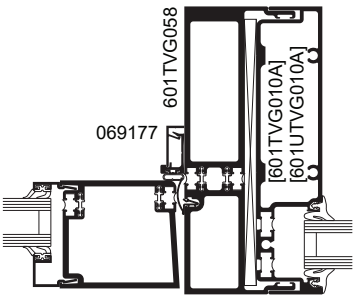
SINGLE ACTING HEADERS



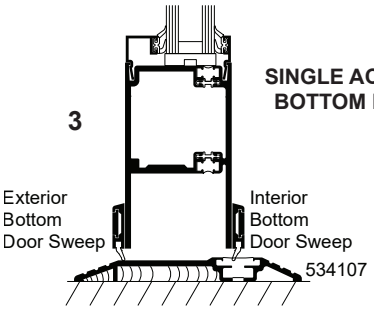


TRANSOM BARS





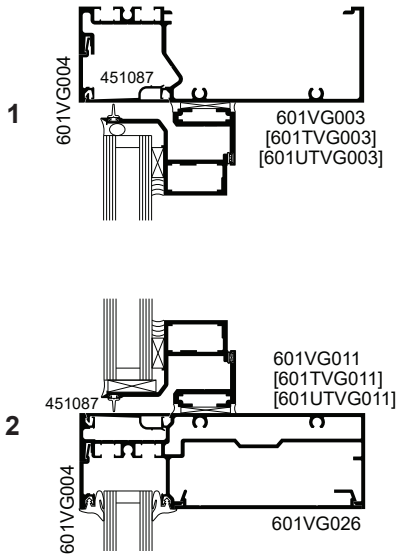
4 **SINGLE ACTING DOOR JAMBS** **5**

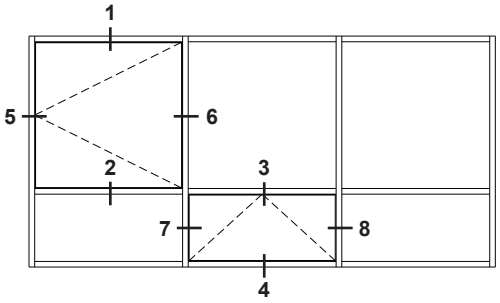


SINGLE ACTING BOTTOM RAIL

Additional information and CAD details are available at www.kawneer.com

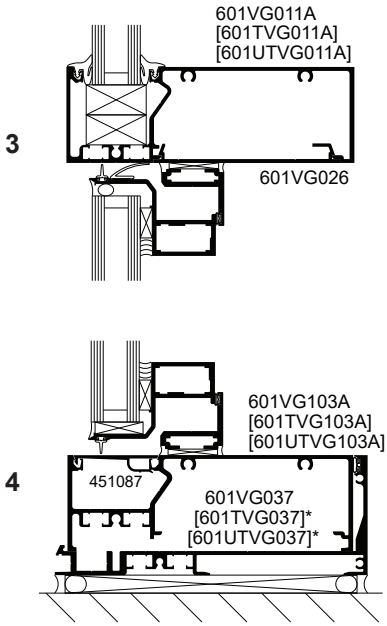
OUTSWING CASEMENT VERTICAL SECTION



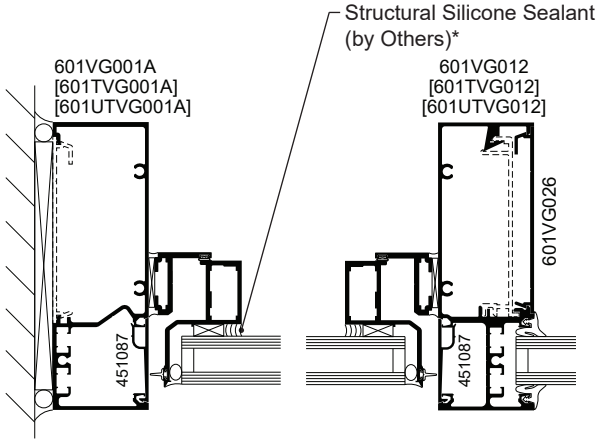


ELEVATION IS NUMBER KEYED TO DETAILS

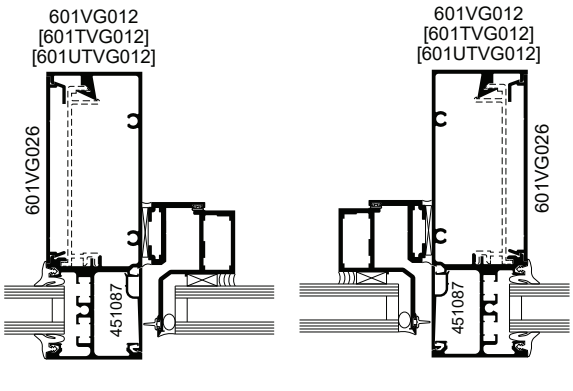
PROJECT-OUT VERTICAL SECTION



OUTSWING CASEMENT HORIZONTAL SECTION



PROJECT-OUT HORIZONTAL SECTION

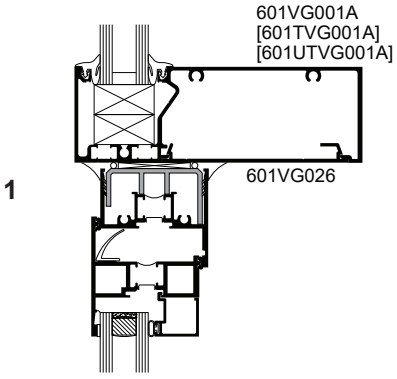


NOTE: Black spacer is recommended when 1" insulating glass is used.

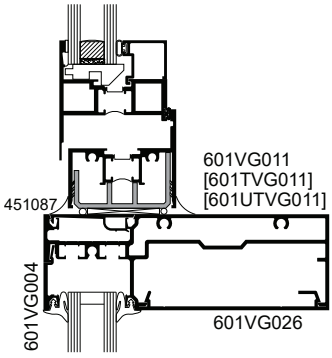
*** INSTALLER NOTE:** Installer is responsible for all required compatibility review and approvals with the Structural Silicone Manufacturer and the Insulating Glass Unit Manufacturer.

Additional information and CAD details are available at www.kawneer.com

PROJECT-OUT VERTICAL SECTION

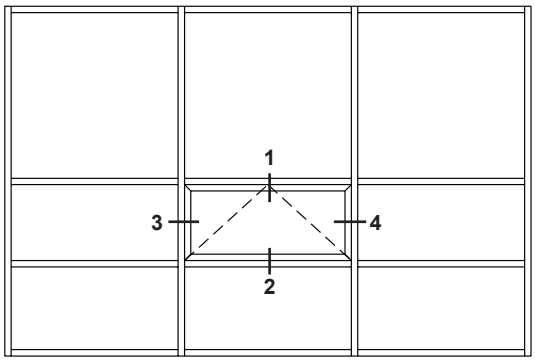


1



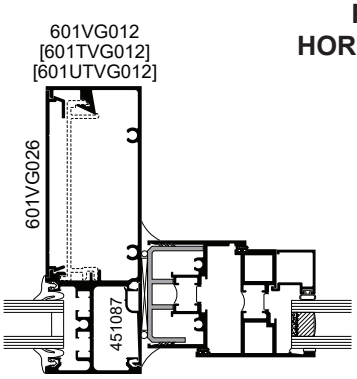
2

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

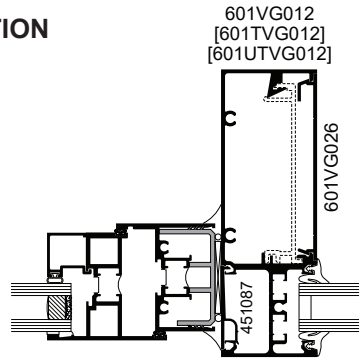


ELEVATION IS NUMBER KEYED TO DETAILS

PROJECT-OUT HORIZONTAL SECTION



3



4

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 Heavyweight Compensating Receptor Face/Reinforcing Clip (Screw Spline/Shear Block systems) or Mullion Anchors (Stick system) must be used. Consult Application Engineering. *(Mullion Anchor not used with Standard Receptor.)*

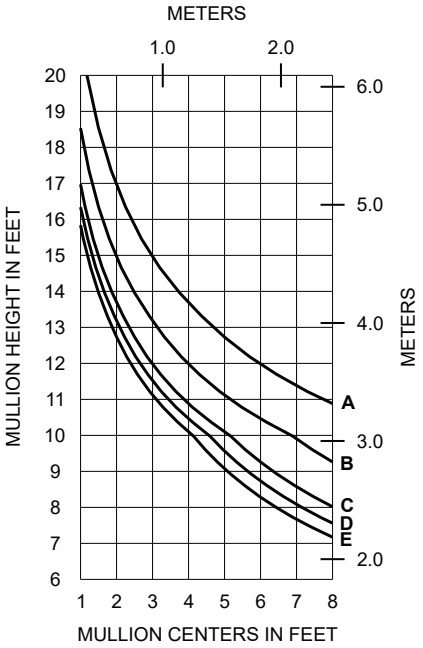
DEADLOAD CHARTS

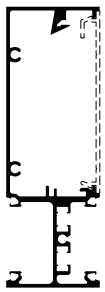
Horizontal or deadload limitations are based upon 1/8" (3.2), maximum allowable deflection at the center of an intermediate horizontal member. The accompanying charts are calculated for 1" (25.4) thick insulating glass or 1/4" (6.4) thick glass supported on two setting blocks placed at the loading points shown.

NOTE: Charts are for THERMAL and NON-THERMAL members.

	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)

WITH HORIZONTALS

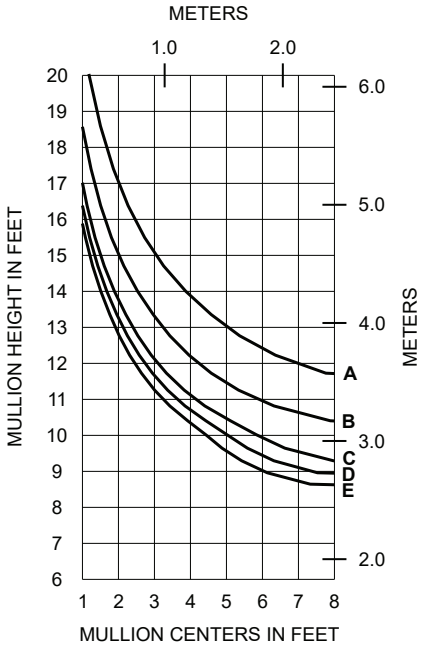




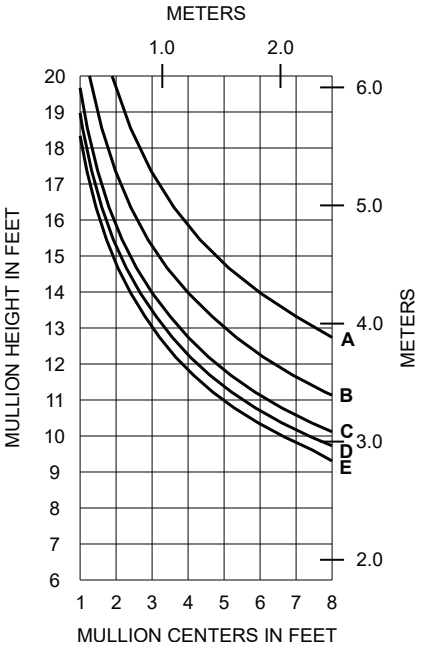
601VG012

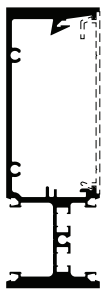
I = 6.751 (281.00 x 10^4)
S = 2.037 (33.38 x 10^3)

WITHOUT HORIZONTALS



WITH HORIZONTALS

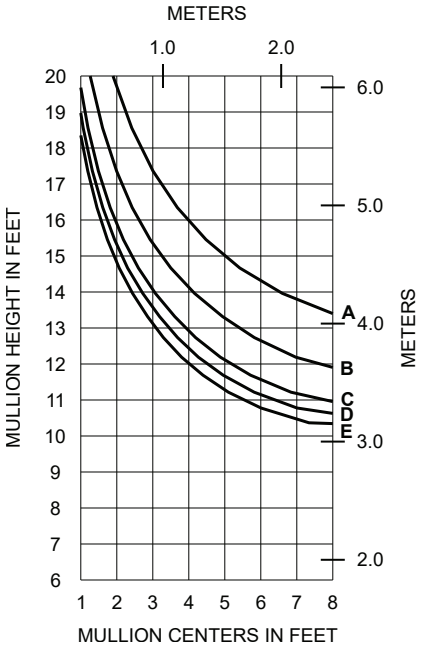




601VG013

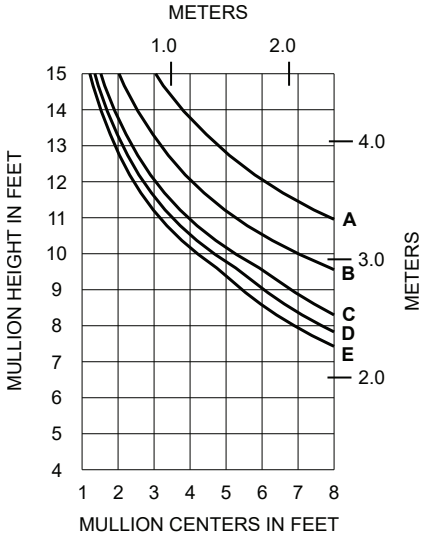
I = 10.846 (451.44 x 10^4)
S = 3.429 (56.19 x 10^3)

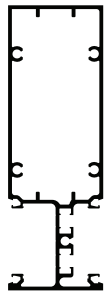
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

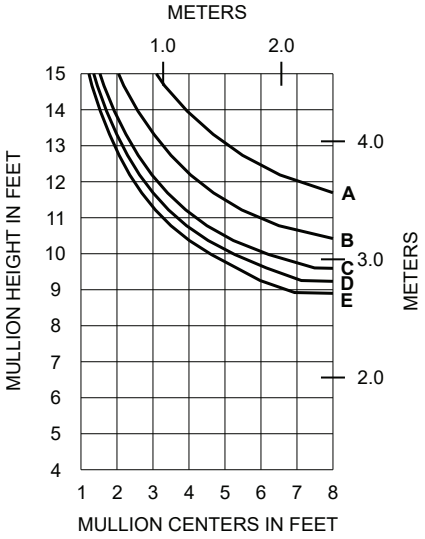




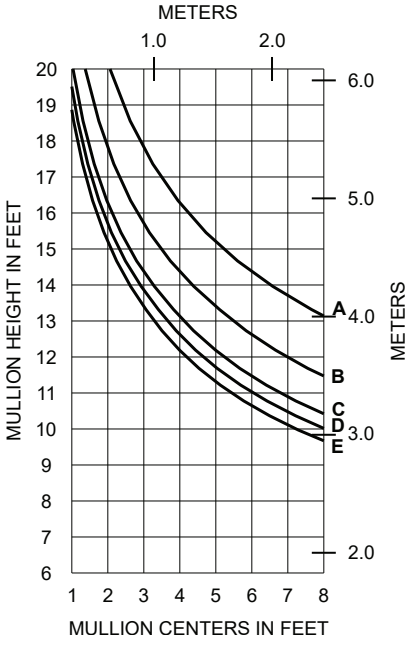
601VG005

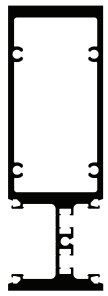
I = 6.881 (286.41 x 10^4)
S = 2.182 (35.76 x 10^3)

WITHOUT HORIZONTALS



WITH HORIZONTALS

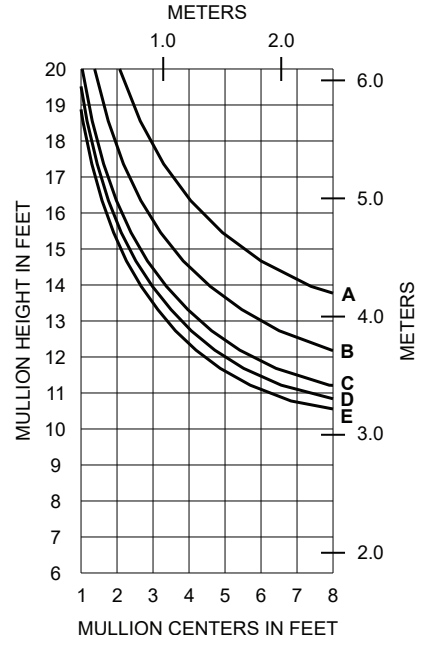




601VG105

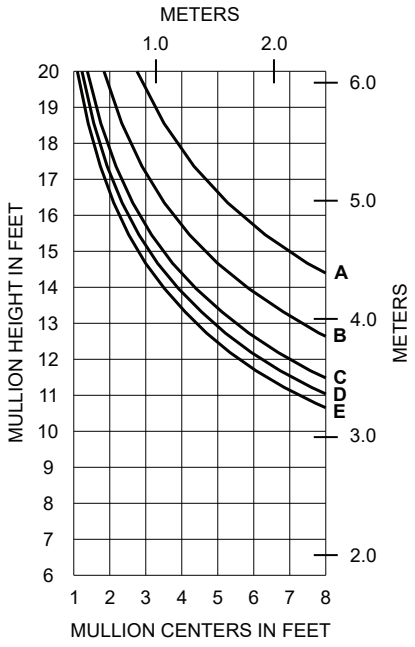
I = 11.863 (493.77 x 10^4)
S = 3.902 (63.94 x 10^3)

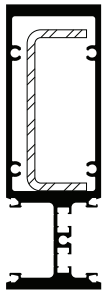
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS



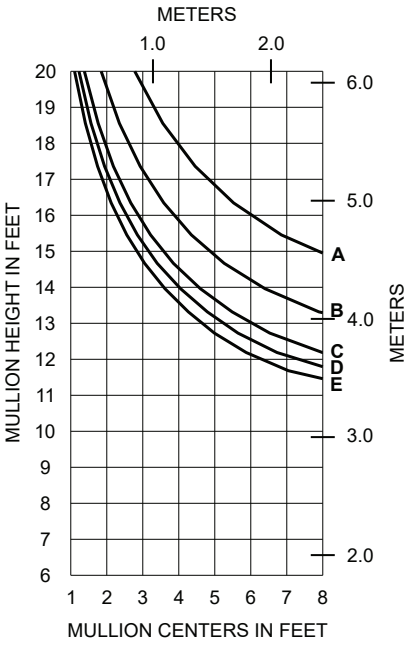


601VG105
WITH 162303 STEEL

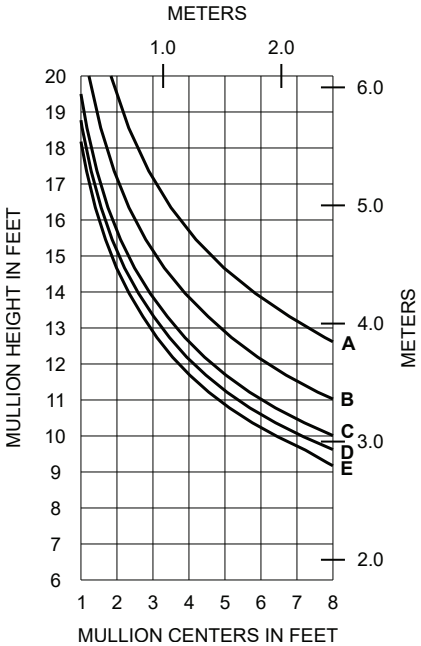
I_A = 11.863 (493.77 x 10^4)
S_A = 3.902 (63.94 x 10^3)

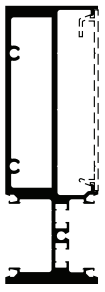
I_S = 1.378 (57.36 x 10^4)
S_S = 0.813 (13.32 x 10^3)

WITHOUT HORIZONTALS



WITH HORIZONTALS

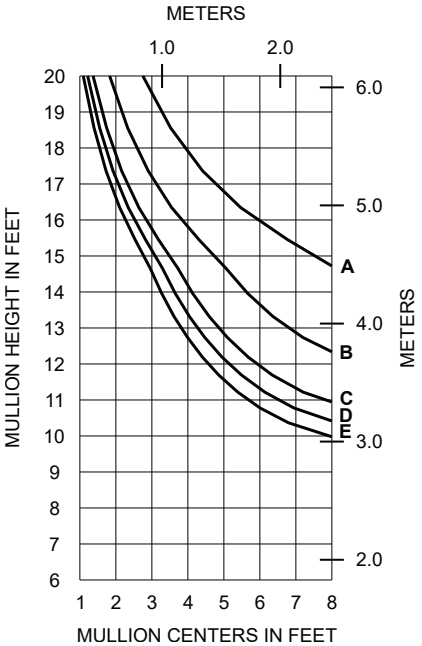




601VG014

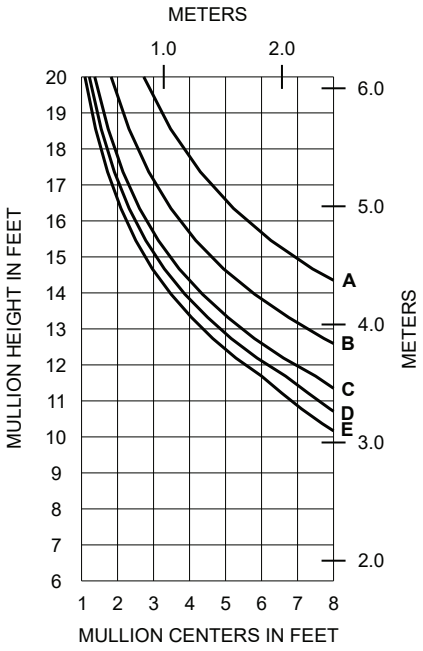
I = 10.520 (437.87 x 10^4)
S = 3.327 (54.52 x 10^3)

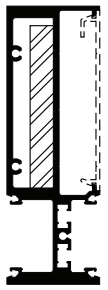
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS



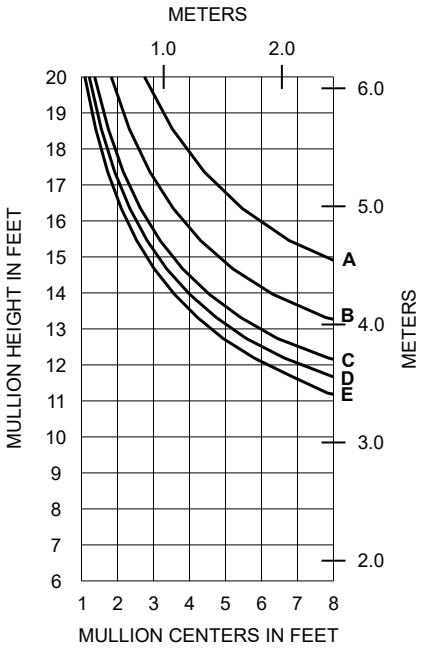


601VG014
WITH 427219 STEEL

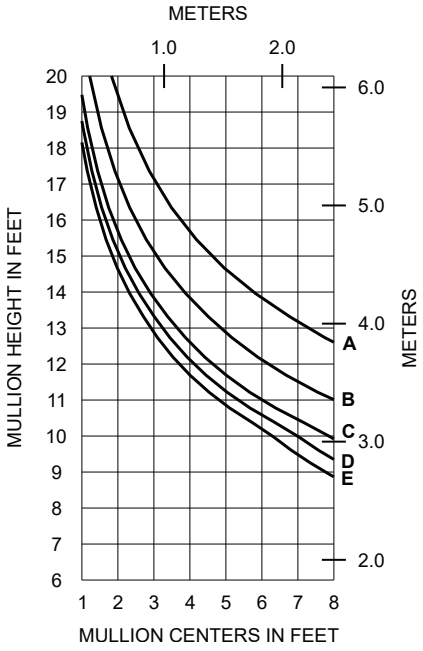
I_A = 10.520 (437.87 x 10^4)
S_A = 3.327 (54.52 x 10^3)

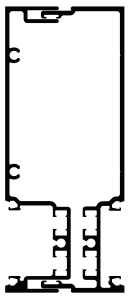
I_S = 1.786 (74.34 x 10^4)
S_S = 1.021 (16.73 x 10^3)

WITHOUT HORIZONTALS



WITH HORIZONTALS

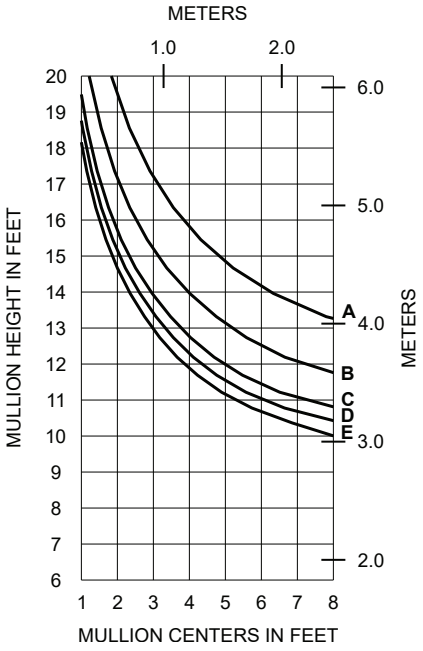




601VG010
601VG009

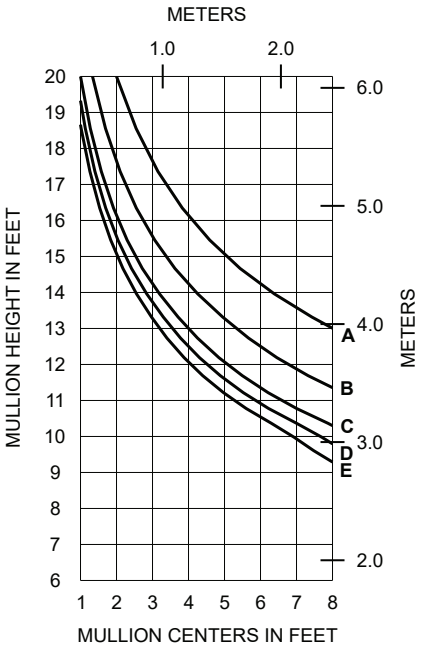
I = 10.471 (435.83 x 10^4)
S = 3.112 (51.00 x 10^3)

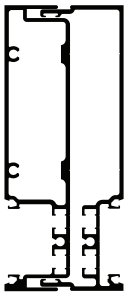
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

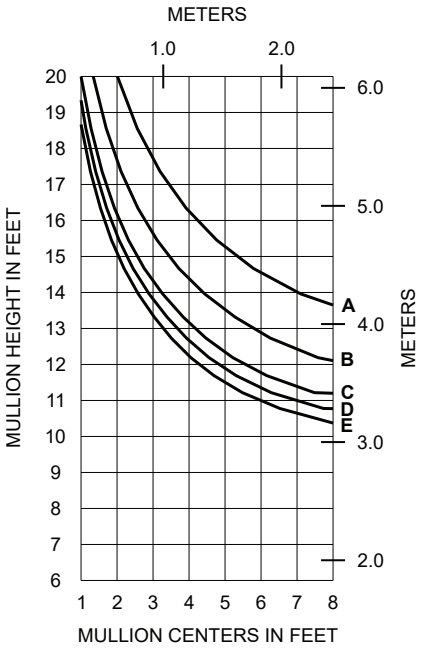




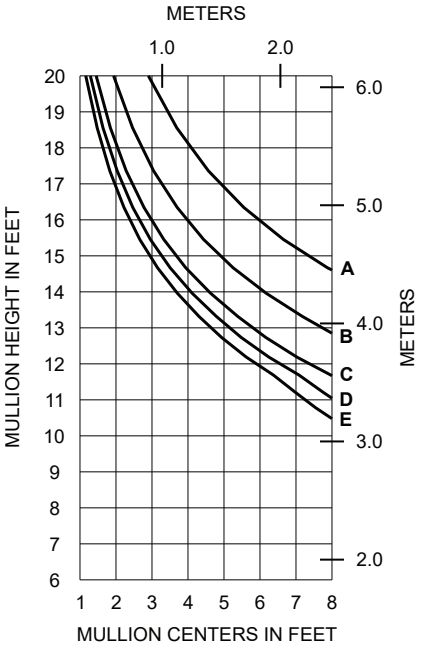
601VG010A
601VG009

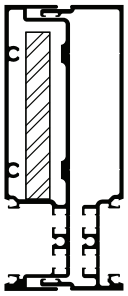
$I = 11.484 (478.00 \times 10^4)$
$S = 3.413 (55.93 \times 10^3)$

WITHOUT HORIZONTALS



WITH HORIZONTALS



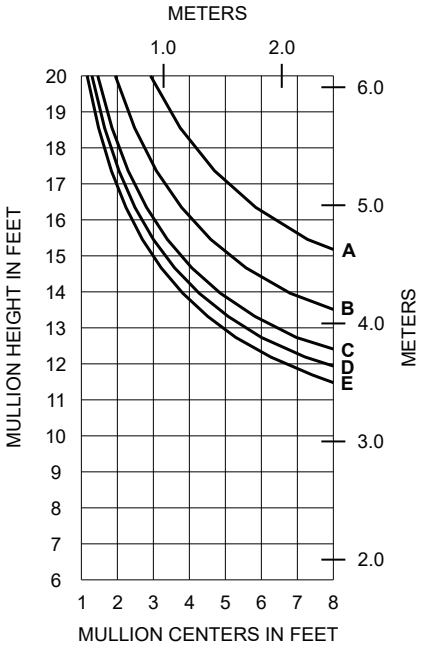


601VG010A
901VG009
WITH 427219 STEEL

$I_A = 11.484 (478.00 \times 10^4)$
$S_A = 3.413 (55.93 \times 10^3)$

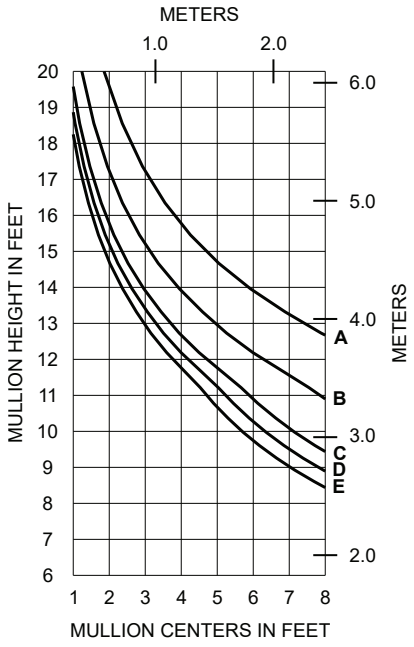
$I_S = 1.786 (74.34 \times 10^4)$
$S_S = 1.021 (16.73 \times 10^3)$

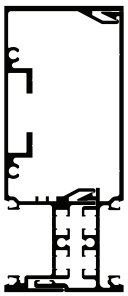
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

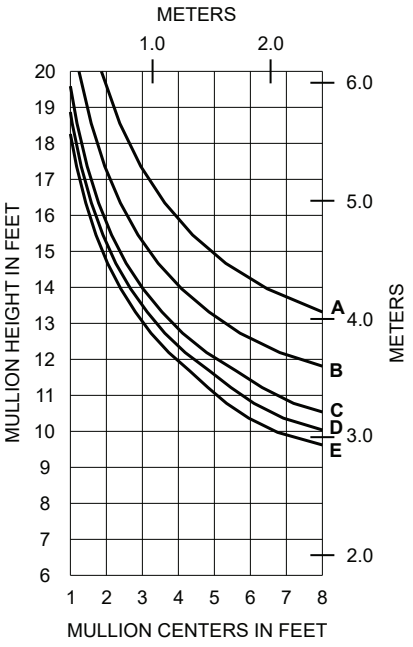




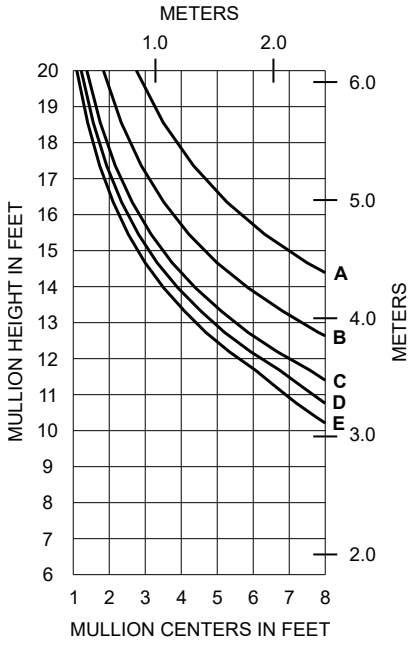
601VG112
601VG113

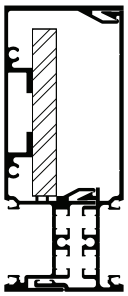
$I = 10.666 (443.95 \times 10^4)$
$S = 2.818 (46.18 \times 10^3)$

WITHOUT HORIZONTALS



WITH HORIZONTALS



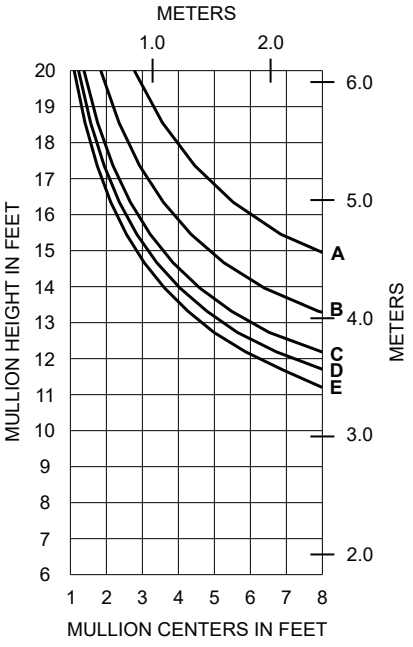


601VG112
601VG113
WITH 427219 STEEL

$I_A = 10.666 (443.95 \times 10^4)$
$S_A = 2.818 (46.18 \times 10^3)$

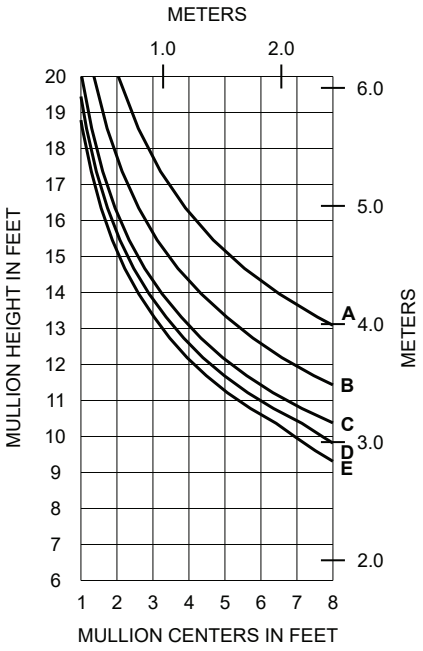
$I_S = 1.786 (74.34 \times 10^4)$
$S_S = 1.021 (16.73 \times 10^3)$

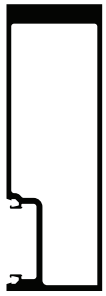
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

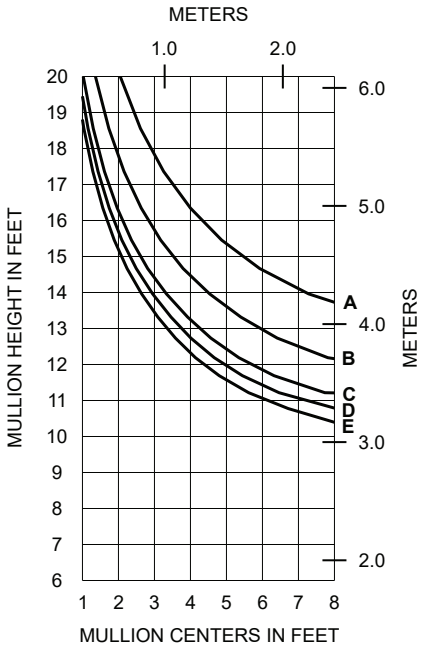




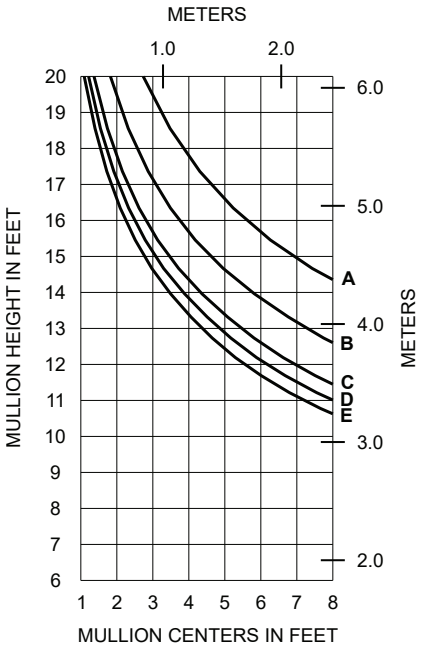
601VG019

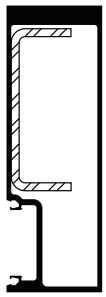
I = 11.737 (488.53 x 10^4)
S = 3.431 (56.22 x 10^3)

WITHOUT HORIZONTALS



WITH HORIZONTALS



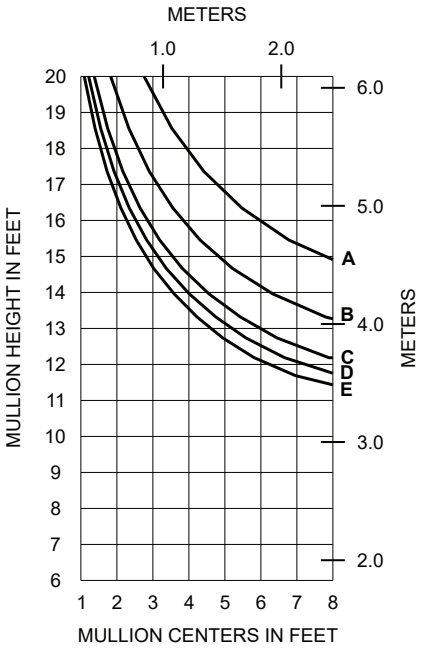


601VG019
WITH 162303 STEEL

I_A = 11.737 (488.53 x 10^4)
S_A = 3.431 (56.22 x 10^3)

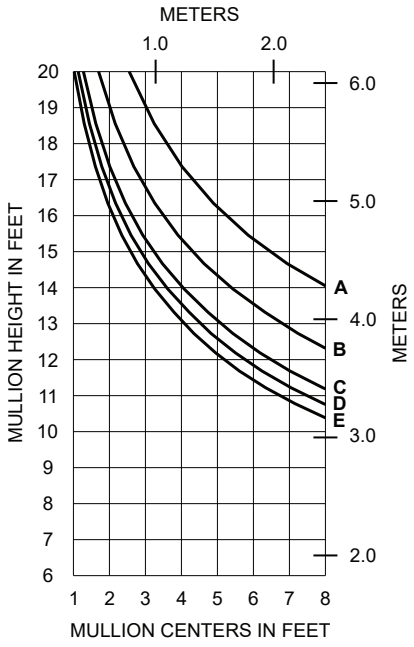
I_S = 1.378 (57.36 x 10^4)
S_S = 0.813 (13.32 x 10^3)

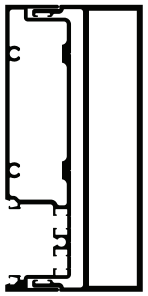
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

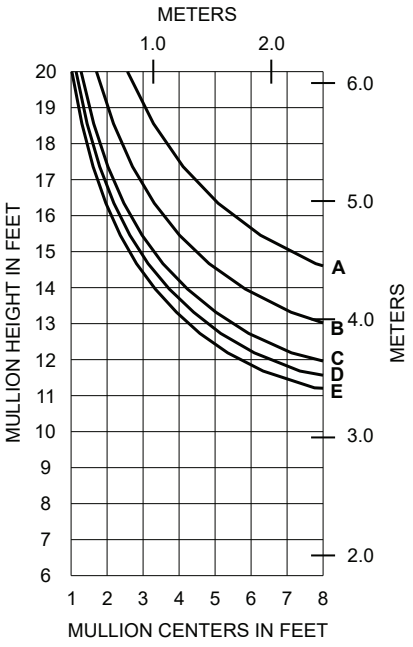


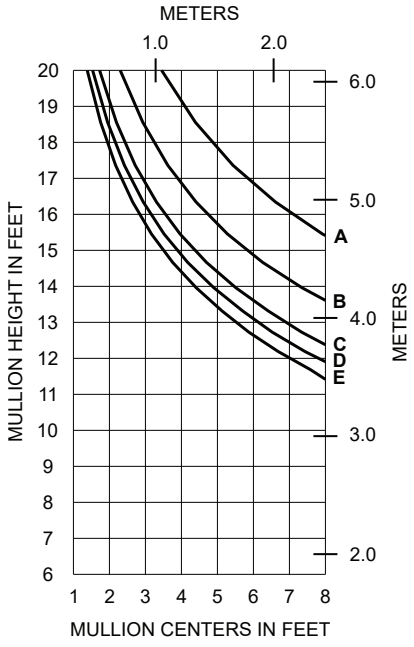


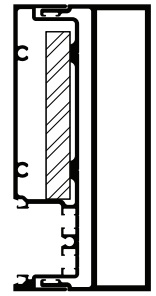
601VG010A
601VG020

$I = 14.702 (611.94 \times 10^4)$
$S = 4.893 (80.18 \times 10^3)$

WITHOUT HORIZONTALS



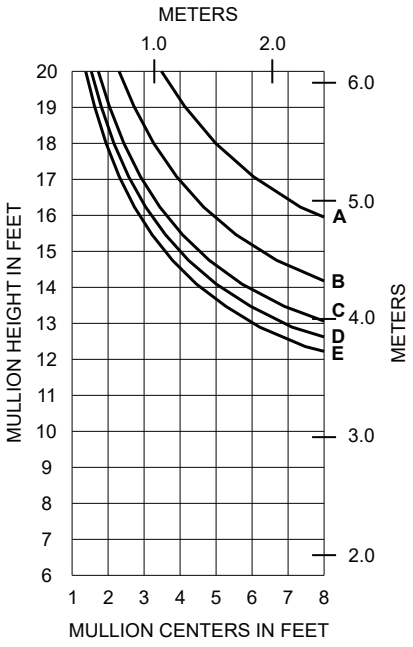




601VG010A
601VG020
WITH 427219 STEEL

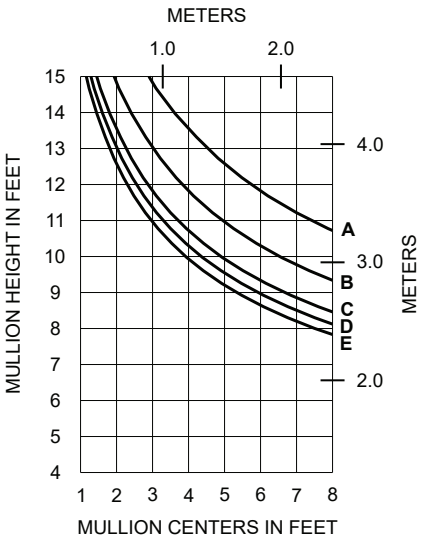
$I_A = 14.702 (611.94 \times 10^4)$
$S_A = 4.893 (80.18 \times 10^3)$

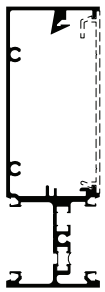
$I_S = 1.786 (74.34 \times 10^4)$
$S_S = 1.021 (16.73 \times 10^3)$



	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)

WITH HORIZONTALS

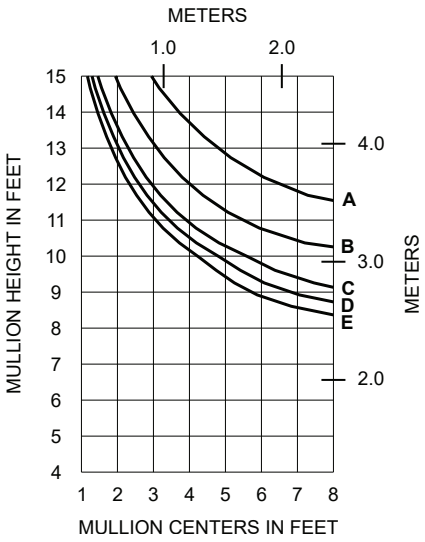




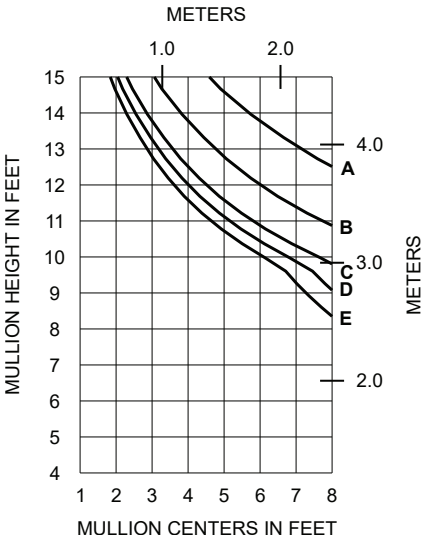
601TVG012

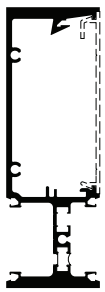
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

WITHOUT HORIZONTALS



WITH HORIZONTALS

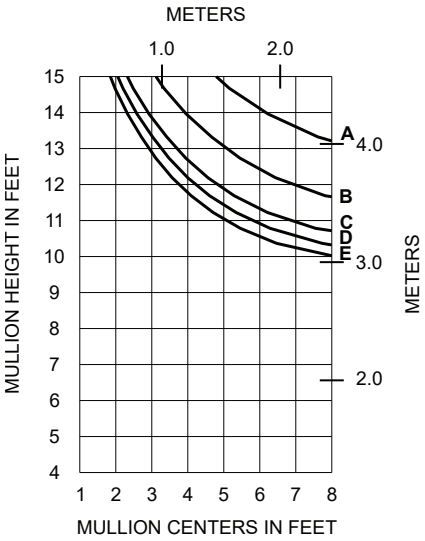




601TVG013

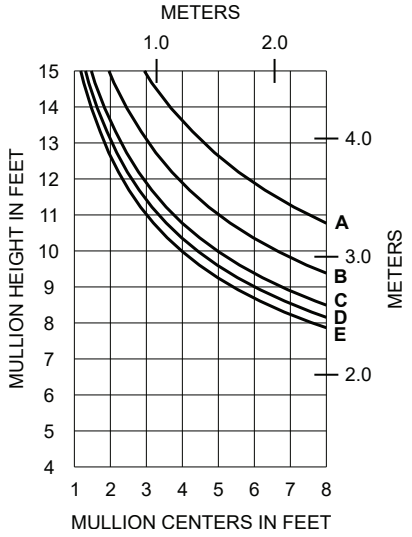
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

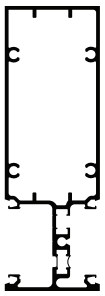
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

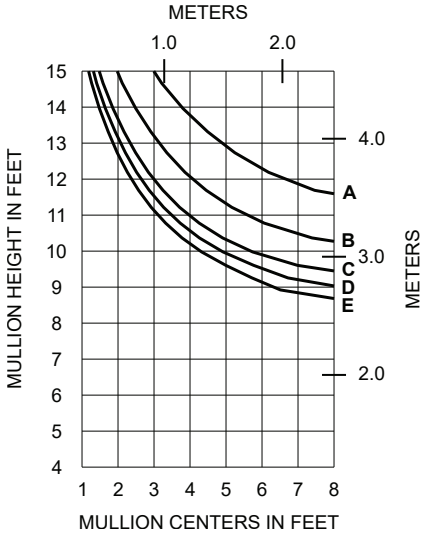




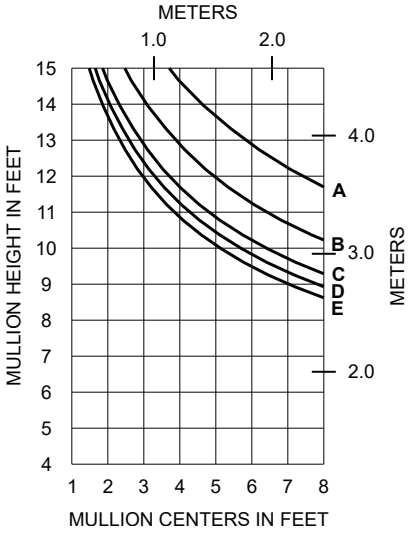
601TVG005

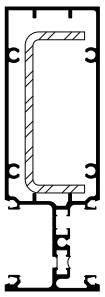
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

WITHOUT HORIZONTALS



WITH HORIZONTALS

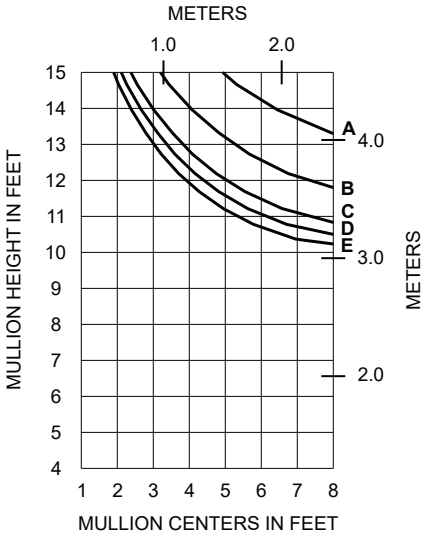




601TVG005
WITH 162303 STEEL

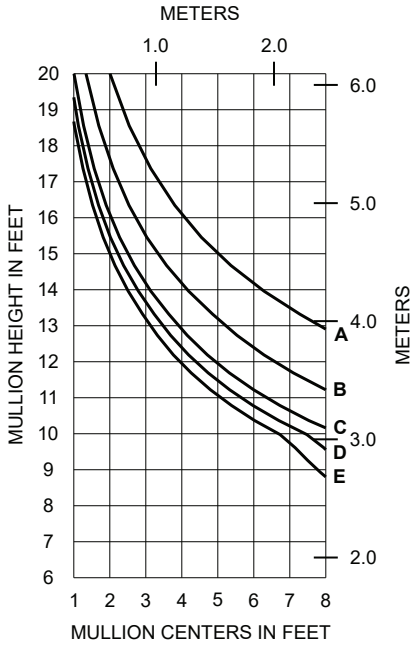
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

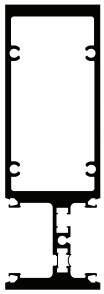
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

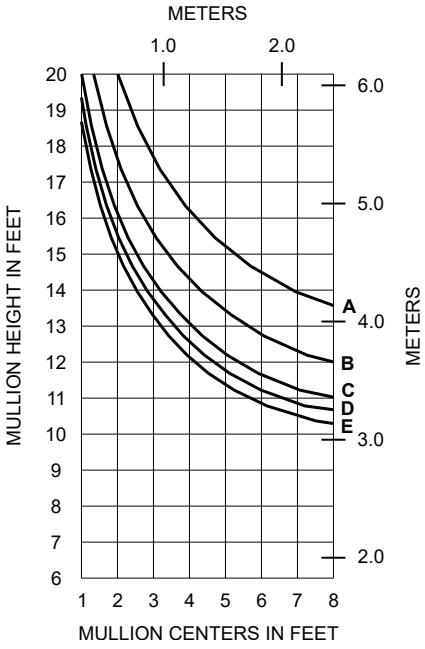




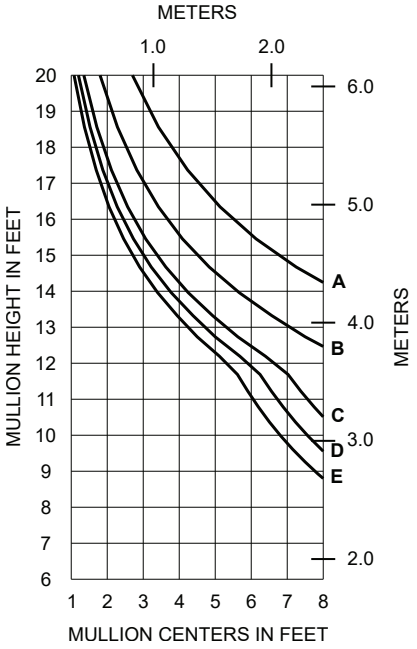
601TVG105

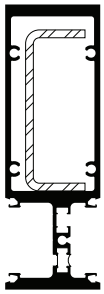
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

WITHOUT HORIZONTALS



WITH HORIZONTALS

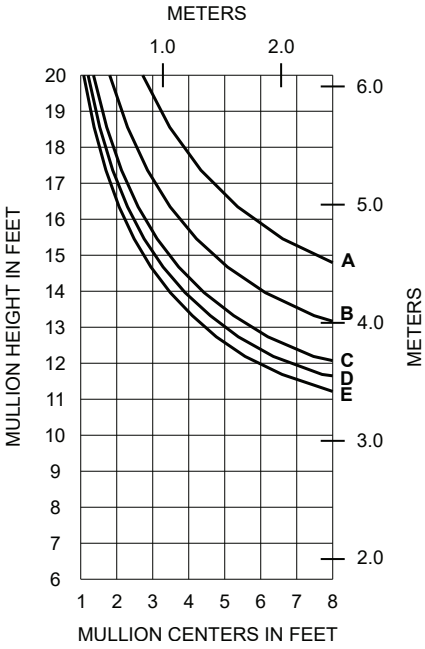




601TVG105
WITH 162303 STEEL

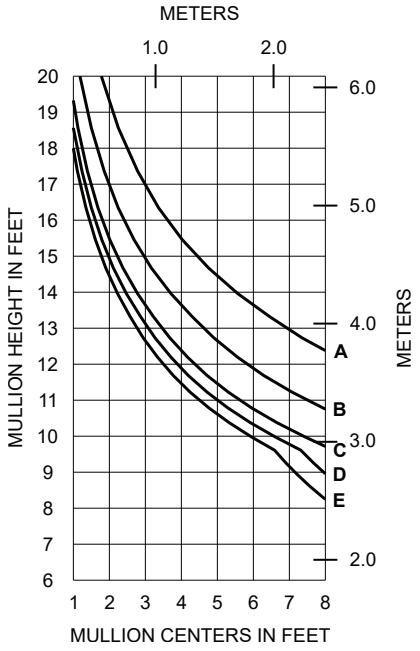
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

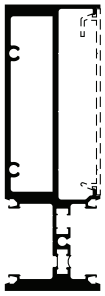
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

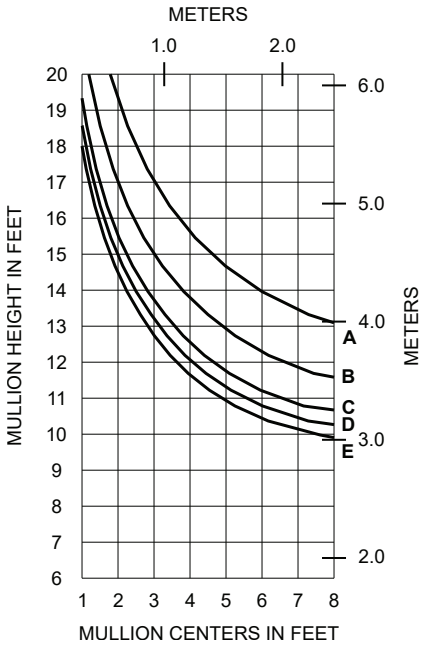




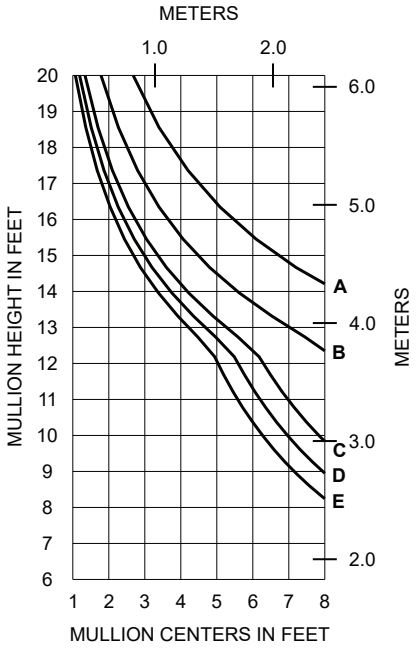
601TVG014

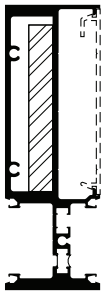
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

WITHOUT HORIZONTALS



WITH HORIZONTALS

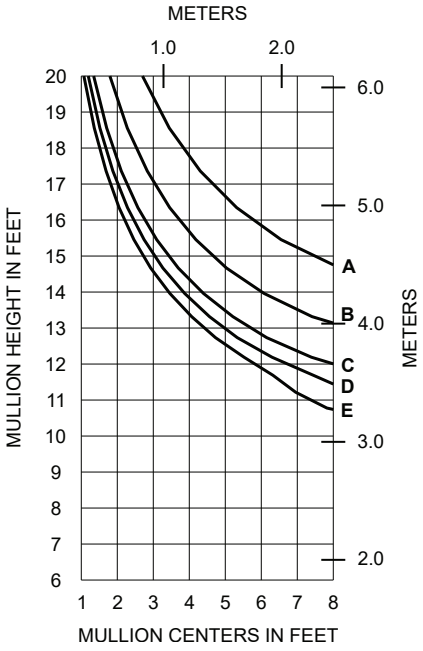




601TVG014
WITH 427219 STEEL

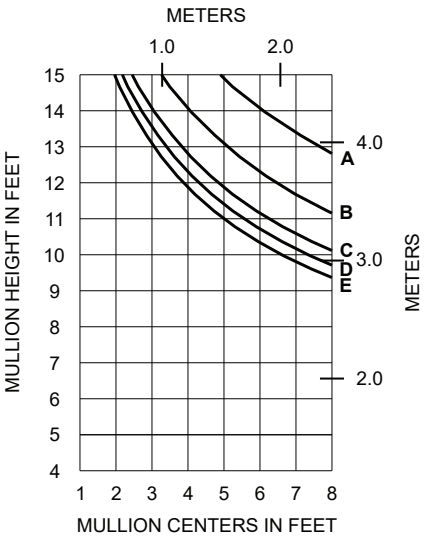
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

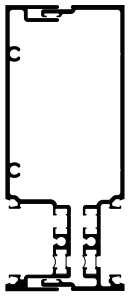
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

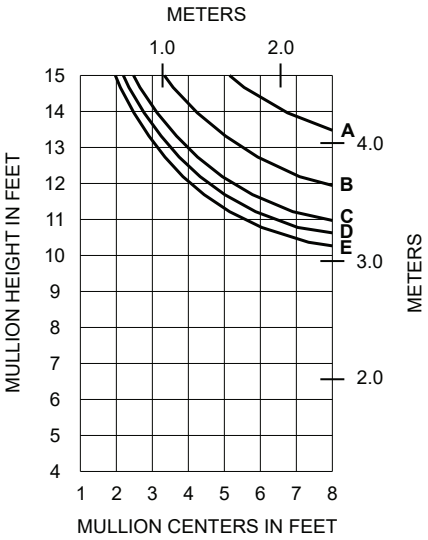




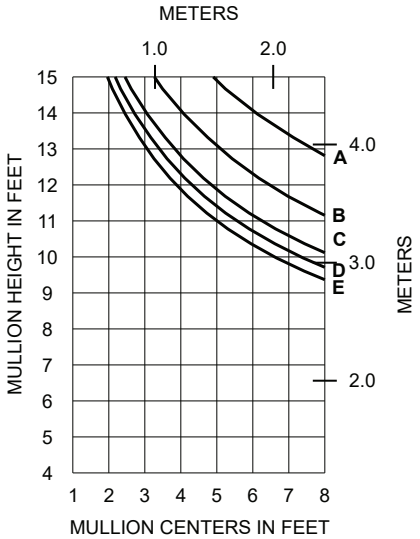
601TVG010
601TVG009

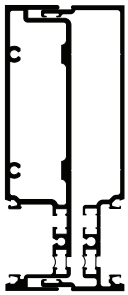
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

WITHOUT HORIZONTALS



WITH HORIZONTALS

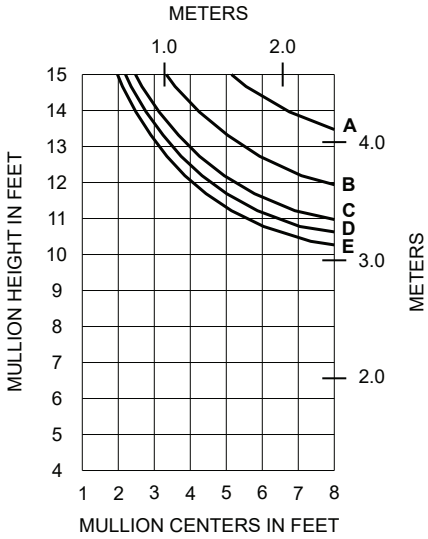




601TVG010A
601TVG009

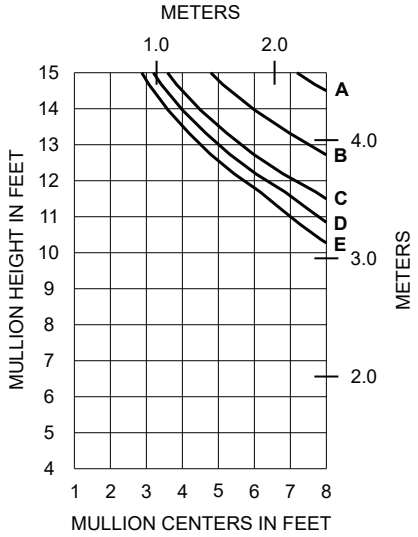
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

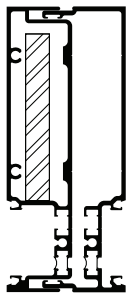
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

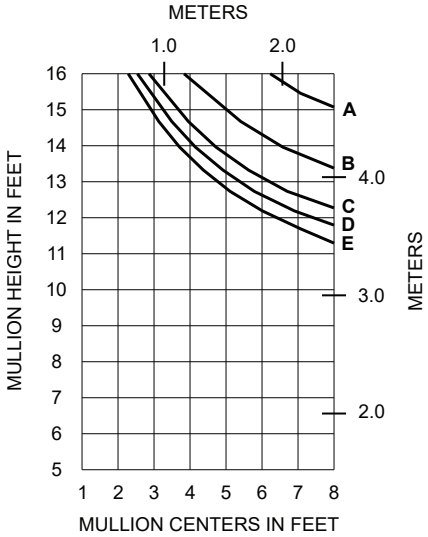




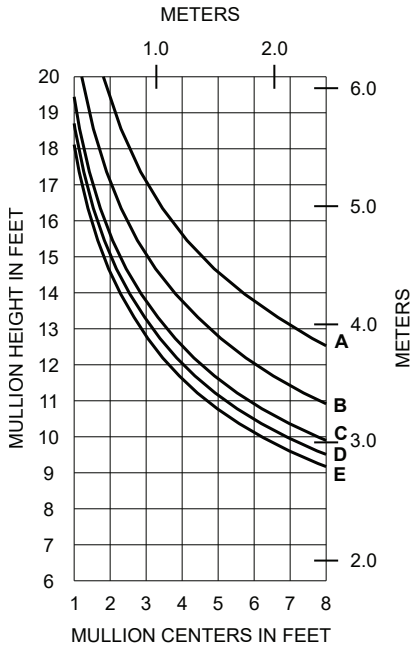
601TVG010A
601TVG009
WITH 427219 STEEL

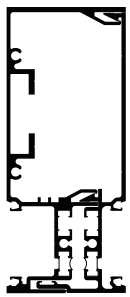
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

WITHOUT HORIZONTALS



WITH HORIZONTALS

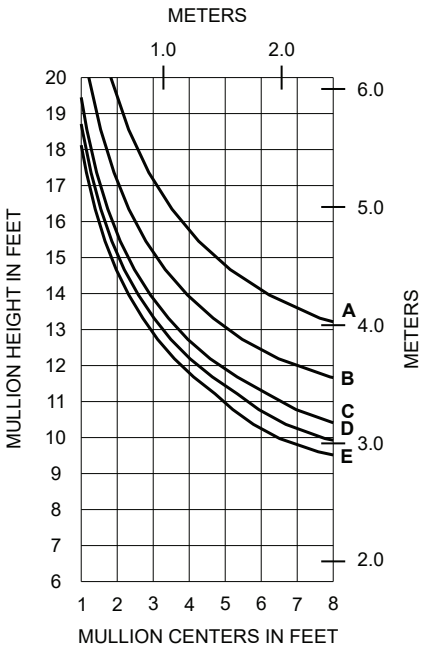




601TVG112
601TVG113

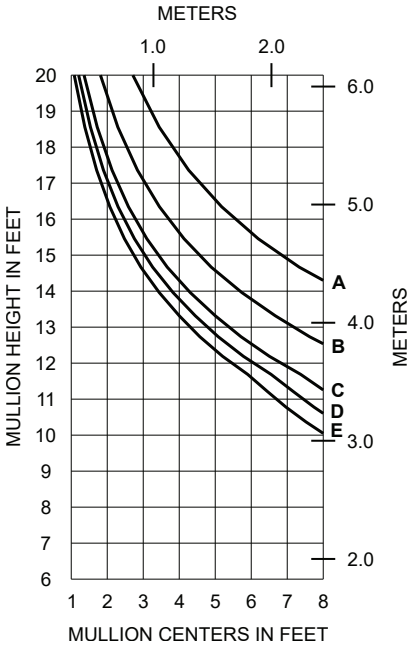
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

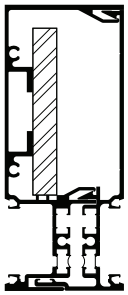
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

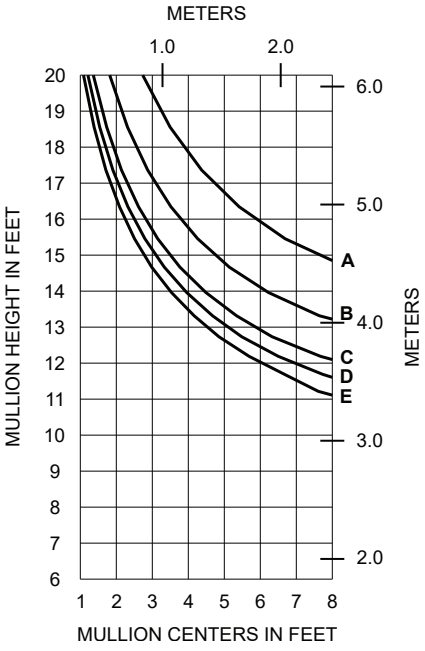




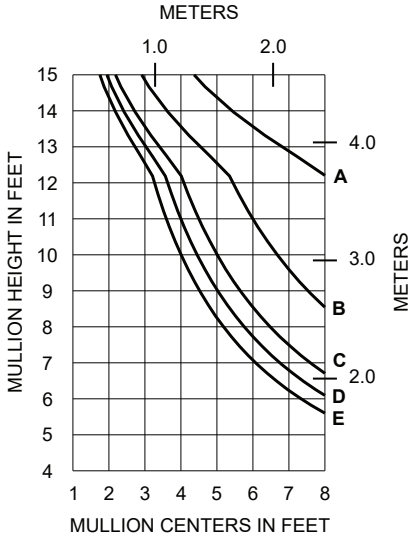
601TVG112
601TVG113
WITH 427219 STEEL

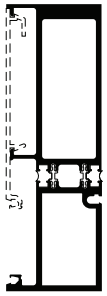
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

WITHOUT HORIZONTALS



WITH HORIZONTALS

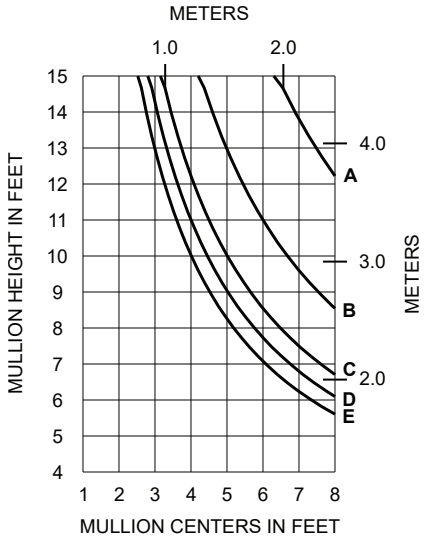




601TVG052

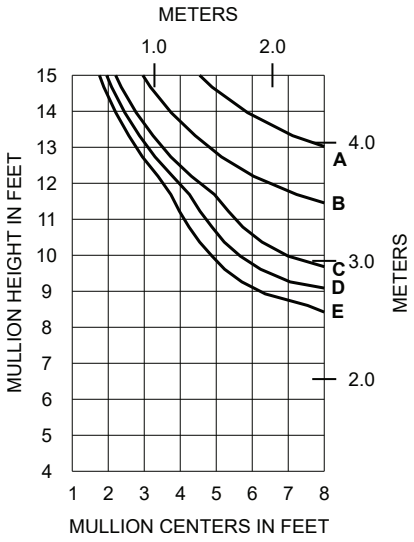
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

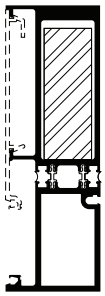
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

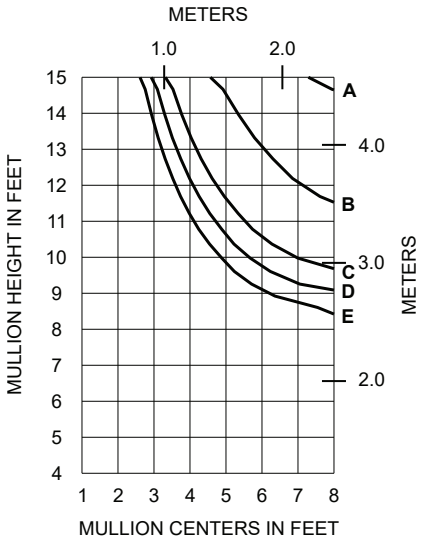




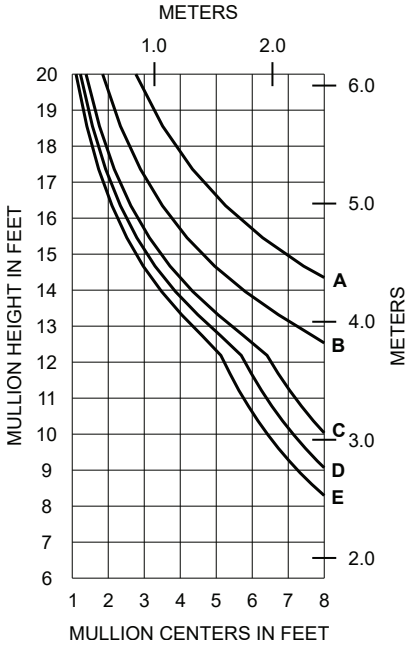
601TVG052
WITH 1" x 2-3/4" STEEL BAR

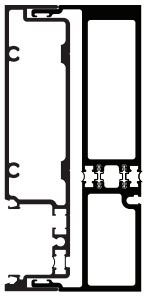
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

WITHOUT HORIZONTALS



WITH HORIZONTALS

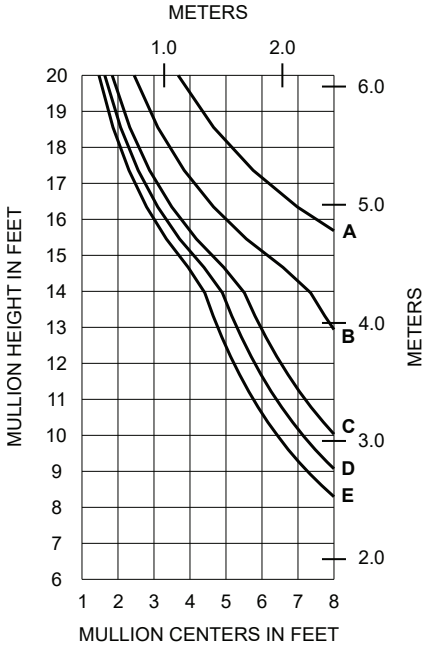




601TVG010A
601TVG058

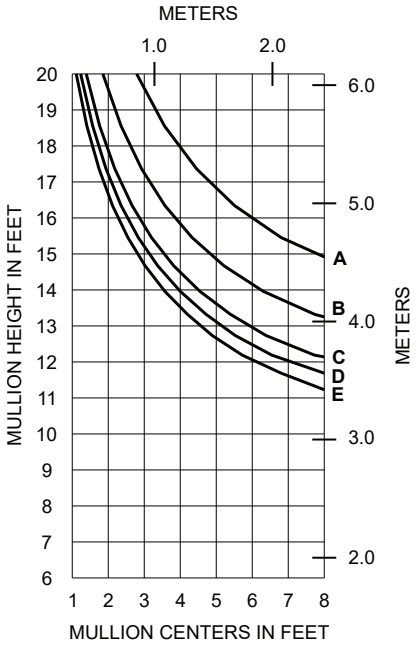
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

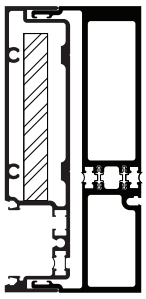
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

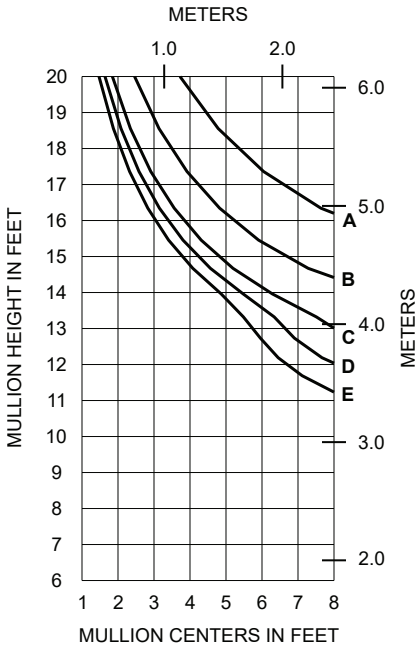




601TVG010A
601TVG058
WITH 427219 STEEL

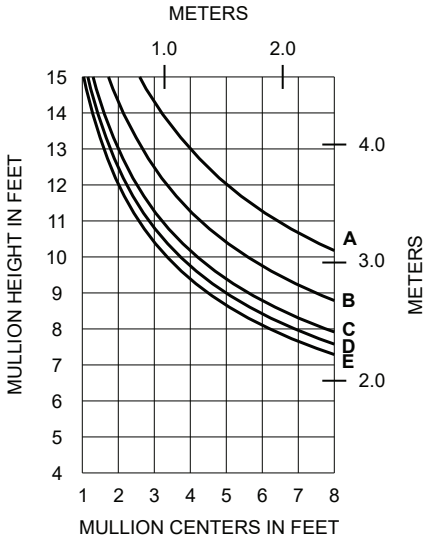
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

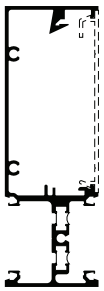
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

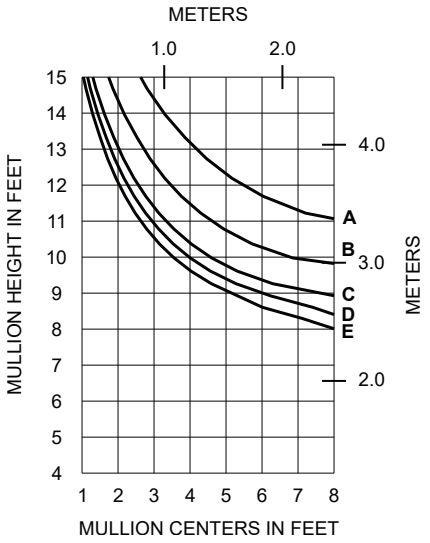




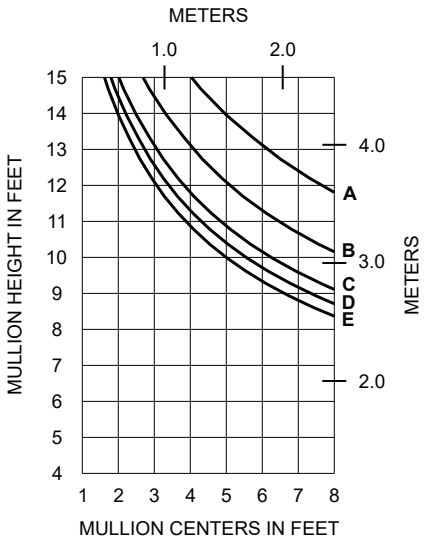
601UTVG012

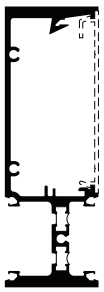
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

WITHOUT HORIZONTALS



WITH HORIZONTALS

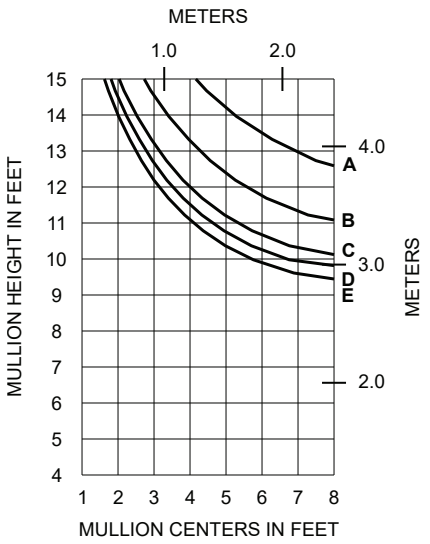




601UTVG013

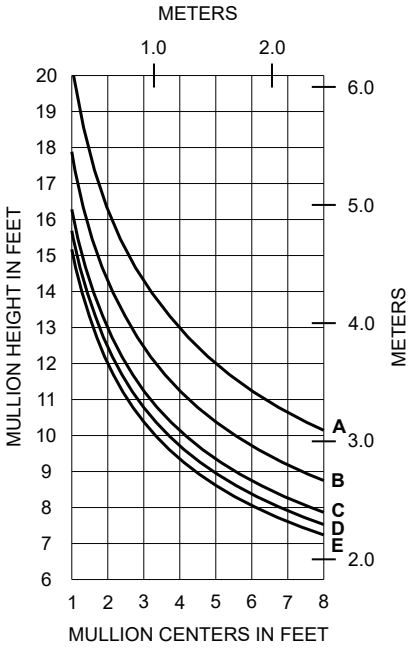
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

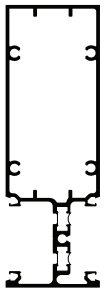
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

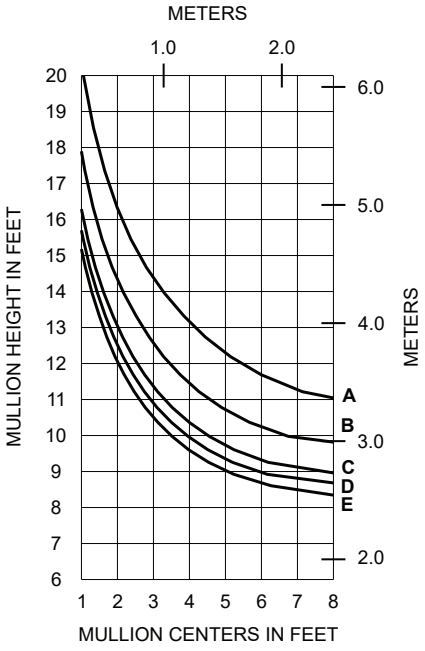




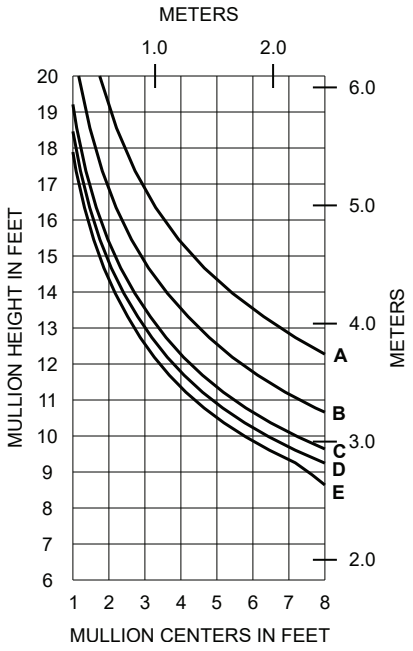
601UTVG005

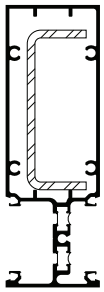
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

WITHOUT HORIZONTALS



WITH HORIZONTALS

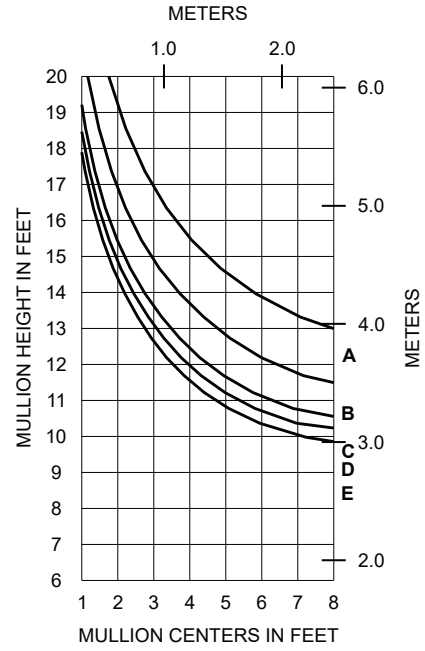




601UTVG005
WITH 162303 STEEL

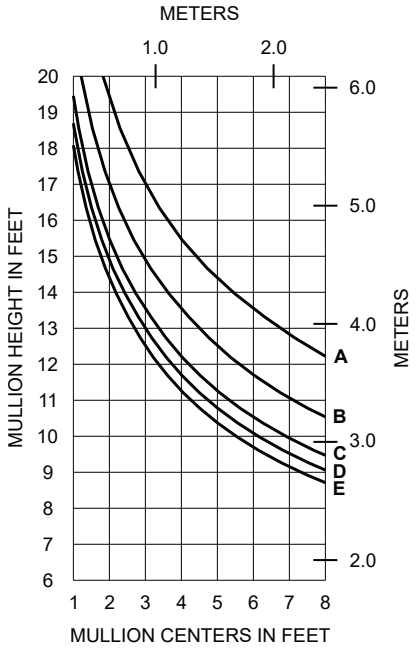
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

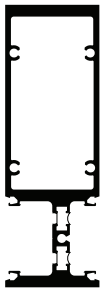
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

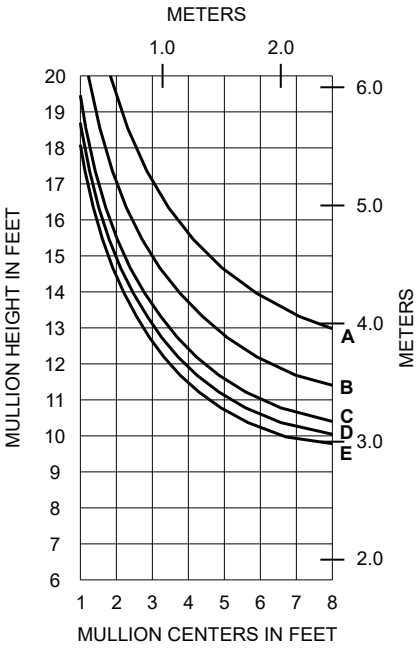




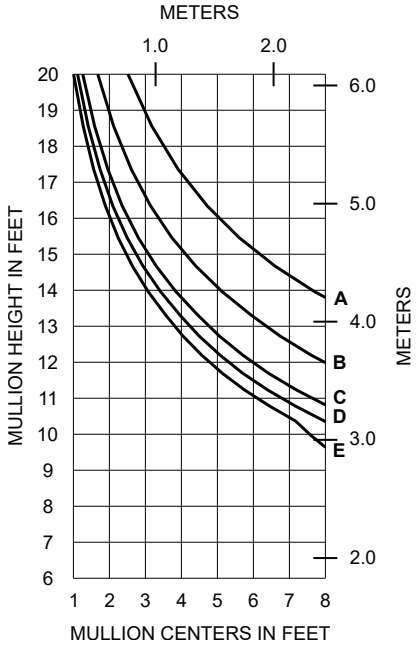
601UTVG105

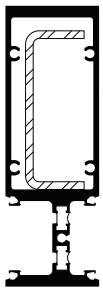
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

WITHOUT HORIZONTALS



WITH HORIZONTALS

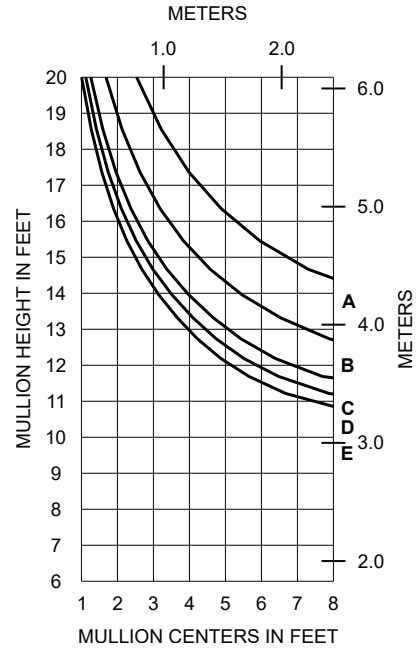




601UTVG105
WITH 162303 STEEL

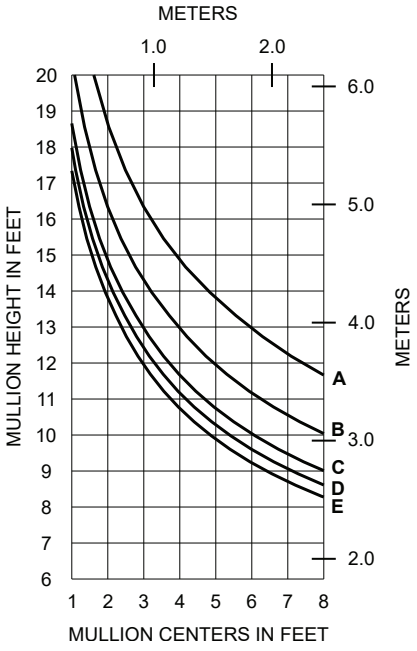
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

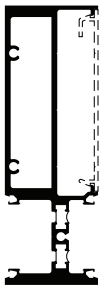
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

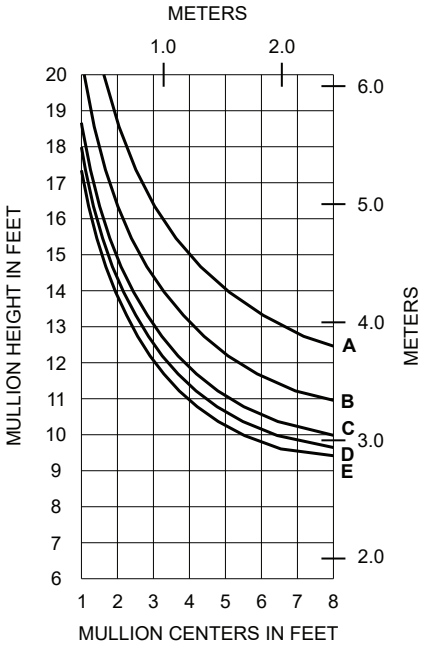




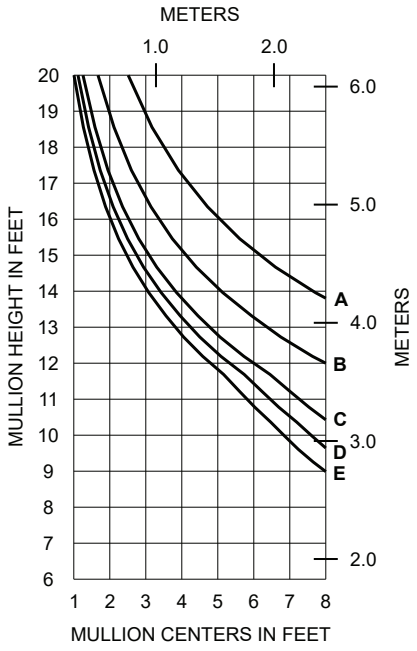
601UTVG014

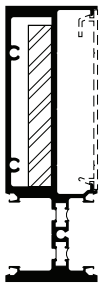
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

WITHOUT HORIZONTALS



WITH HORIZONTALS

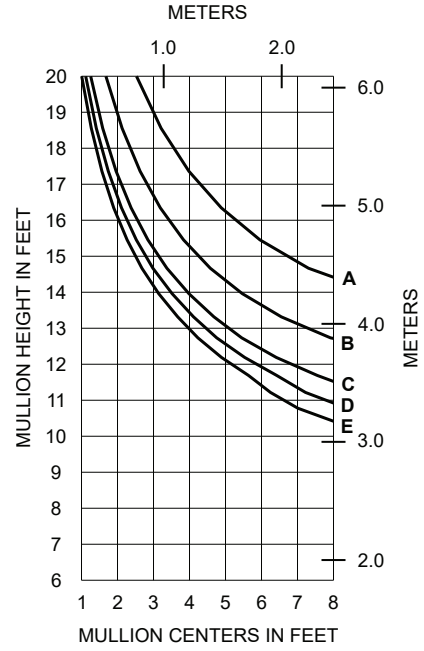




601UTVG014
WITH 427219 STEEL

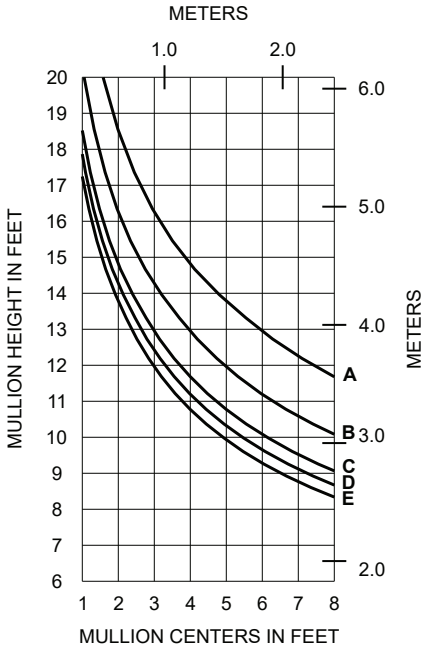
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

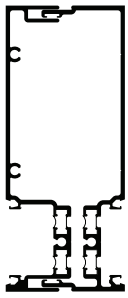
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

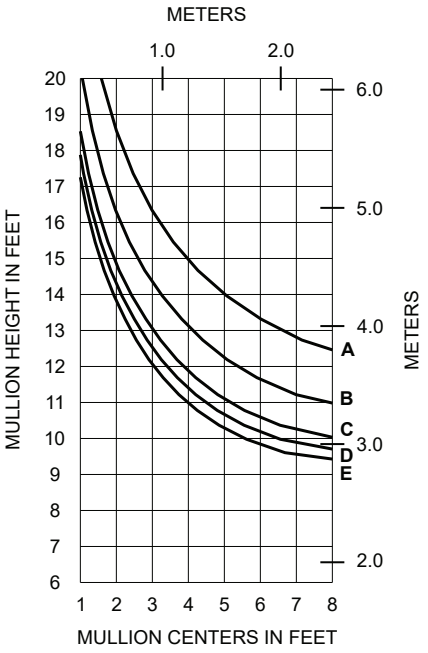




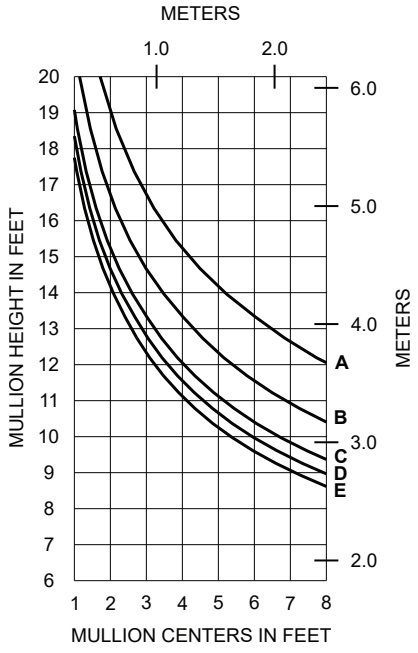
601UTVG010
601UTVG009

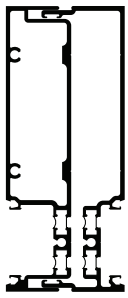
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

WITHOUT HORIZONTALS



WITH HORIZONTALS

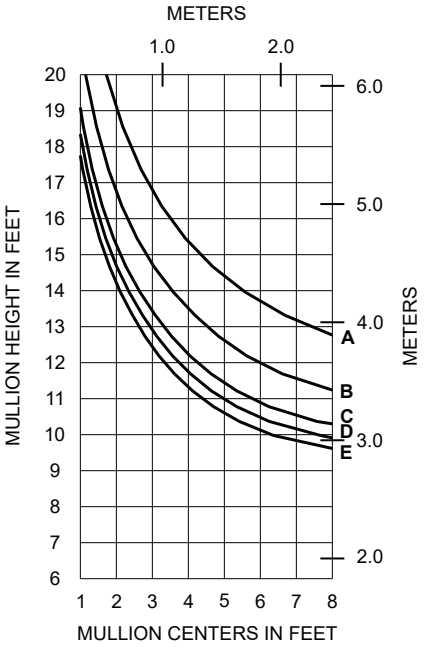




601UTVG010A
601UTVG009

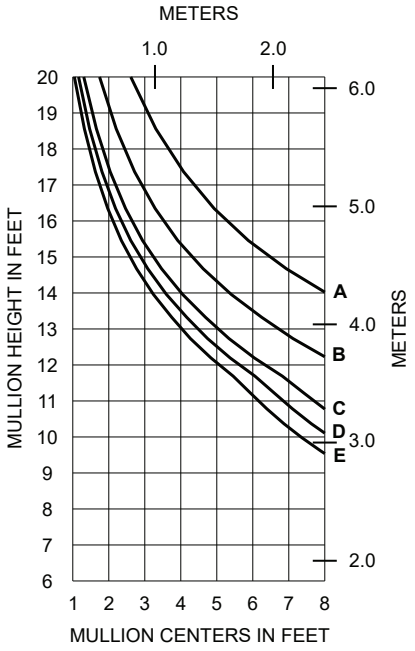
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

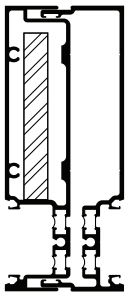
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

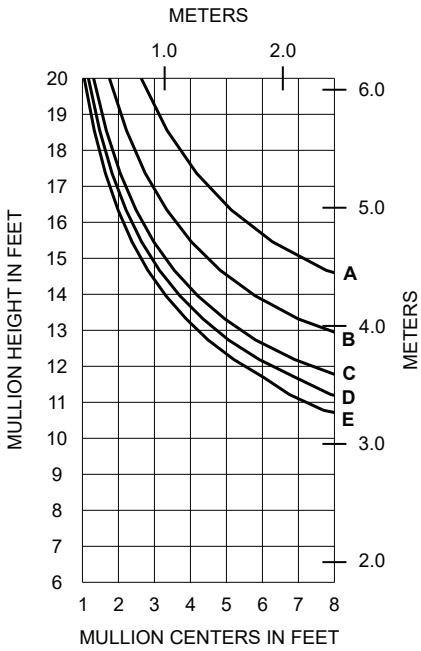




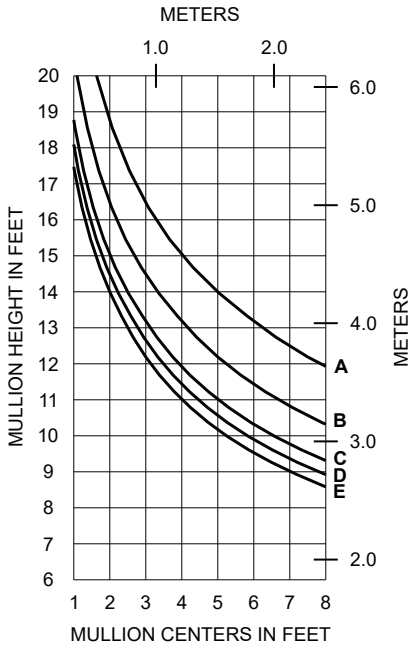
601UTVG010A
601UTVG009
WITH 427219 STEEL

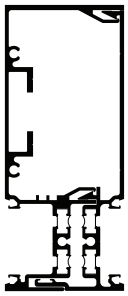
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

WITHOUT HORIZONTALS



WITH HORIZONTALS

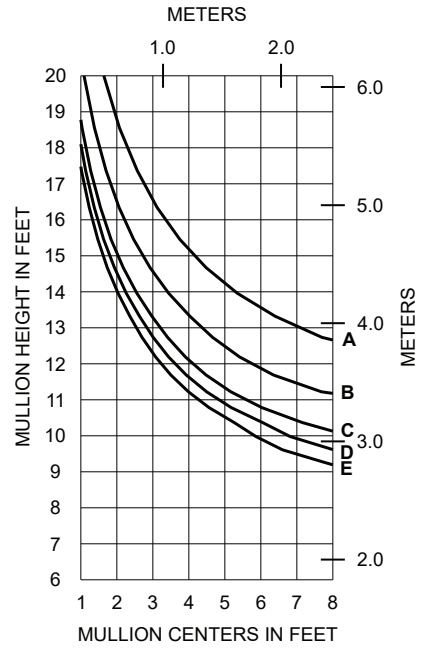




601UTVG112
601UTVG113

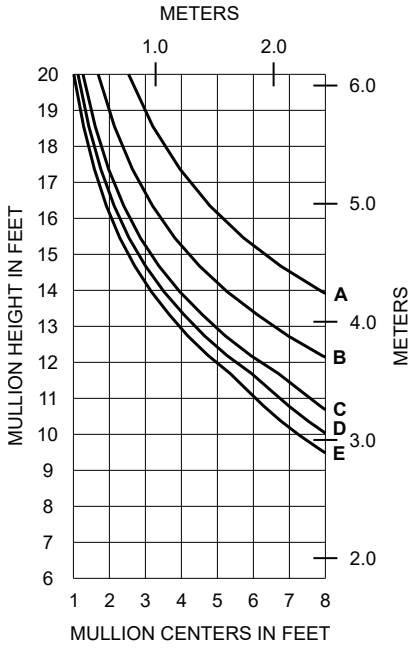
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

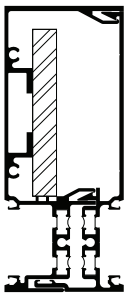
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

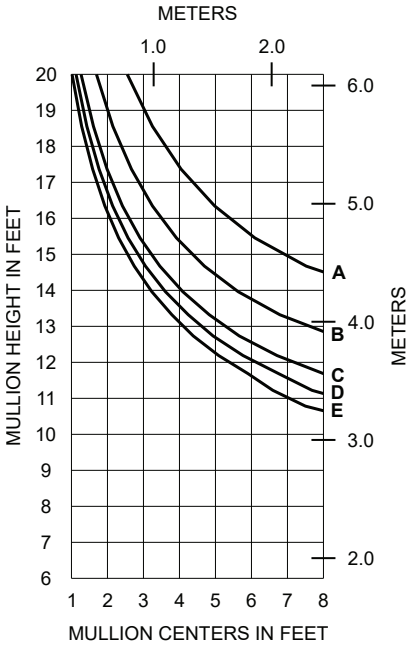




601UTVG112
601UTVG113
WITH 427219 STEEL

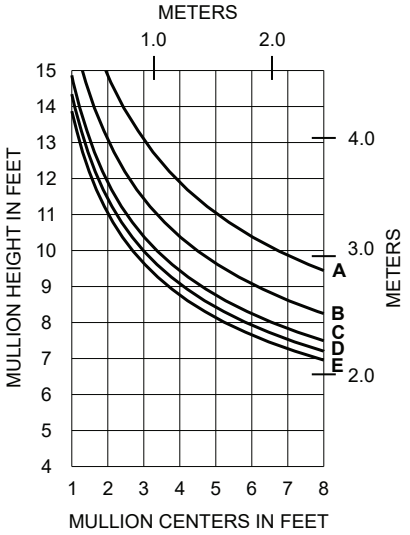
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-A8 AND AAMA 505

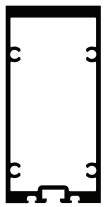
WITHOUT HORIZONTALS



	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)

WITH HORIZONTALS

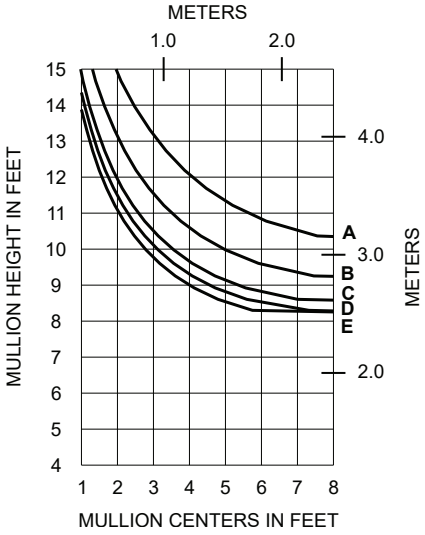




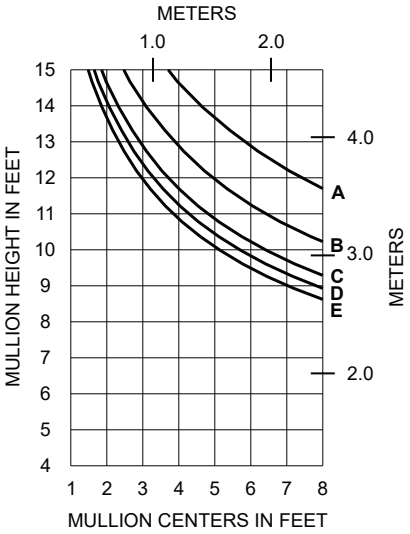
601SSG005

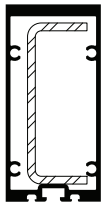
$I = 4.410 (183.56 \times 10^4)$
$S = 2.033 (33.31 \times 10^3)$

WITHOUT HORIZONTALS



WITH HORIZONTALS



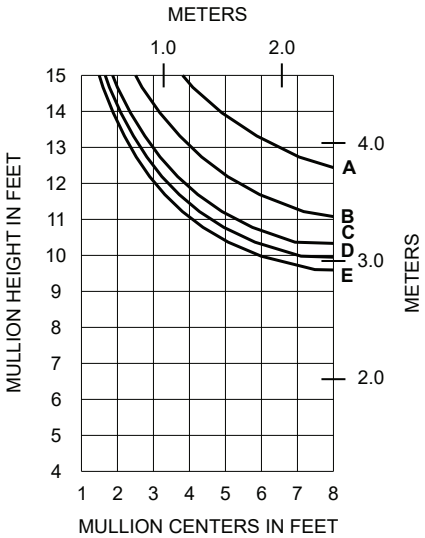


601SSG005
WITH 162303 STEEL

$I_A = 4.410 (183.56 \times 10^4)$
$S_A = 0.2.033 (33.31 \times 10^3)$

$I_S = 1.378 (57.36 \times 10^4)$
$S_S = 0.813 (13.32 \times 10^3)$

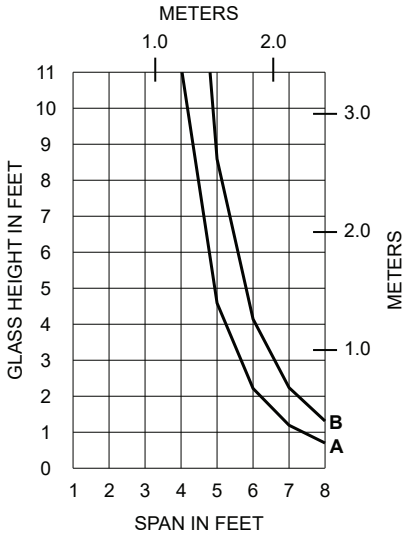
WITHOUT HORIZONTALS

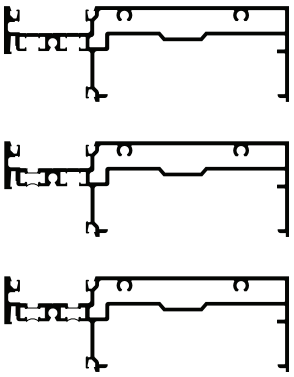


Horizontal or deadload limitations are based upon 1/8" (3.2) maximum allowable deflection at the center of an intermediate horizontal member. The accompanying charts are calculated for 1" (25.4) thick insulating glass supported on two setting blocks at the loading points shown.

NOTE: Charts are for THERMAL and NON-THERMAL members.

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

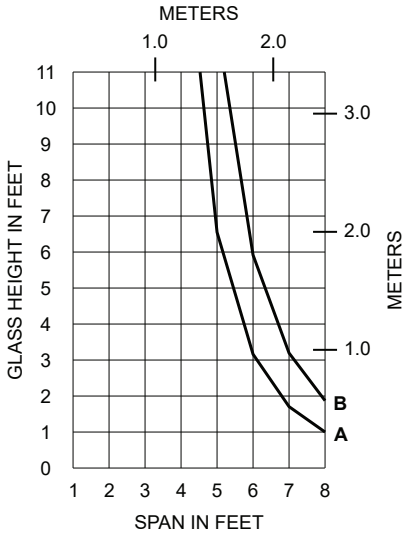


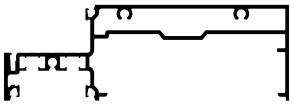


601VG011

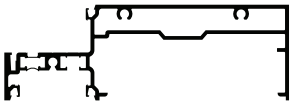
601TVG011

601UTVG011

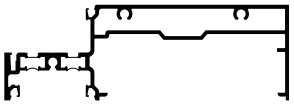




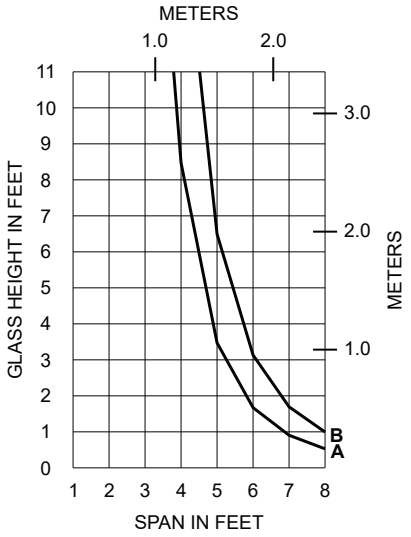
601VG011A

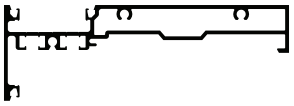


601TVG011A

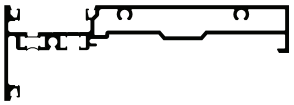


601UTVG011A





601VG111



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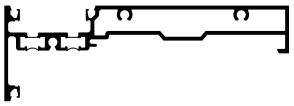
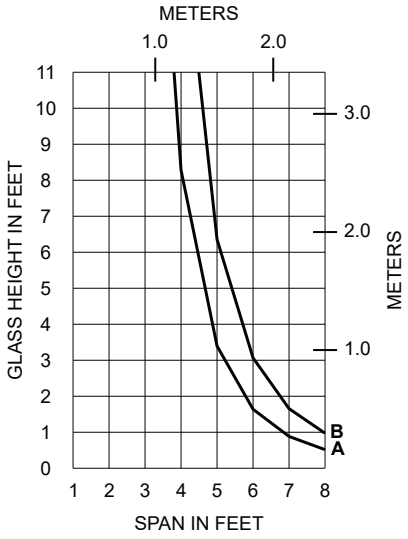


601UTVG111

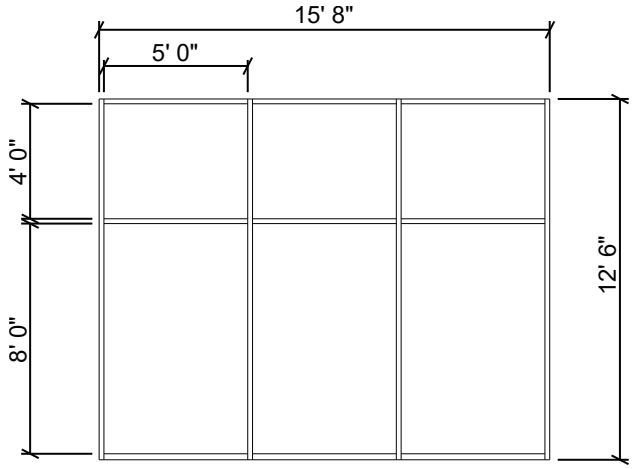
Horizontal or deadload limitations are based upon 1/8" (3.2) maximum allowable deflection at the center of an intermediate horizontal member. The accompanying charts are calculated for 1" (25.4) thick insulating glass supported on two setting blocks at the loading points shown.

NOTE: Charts are for THERMAL and NON-THERMAL members.

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



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



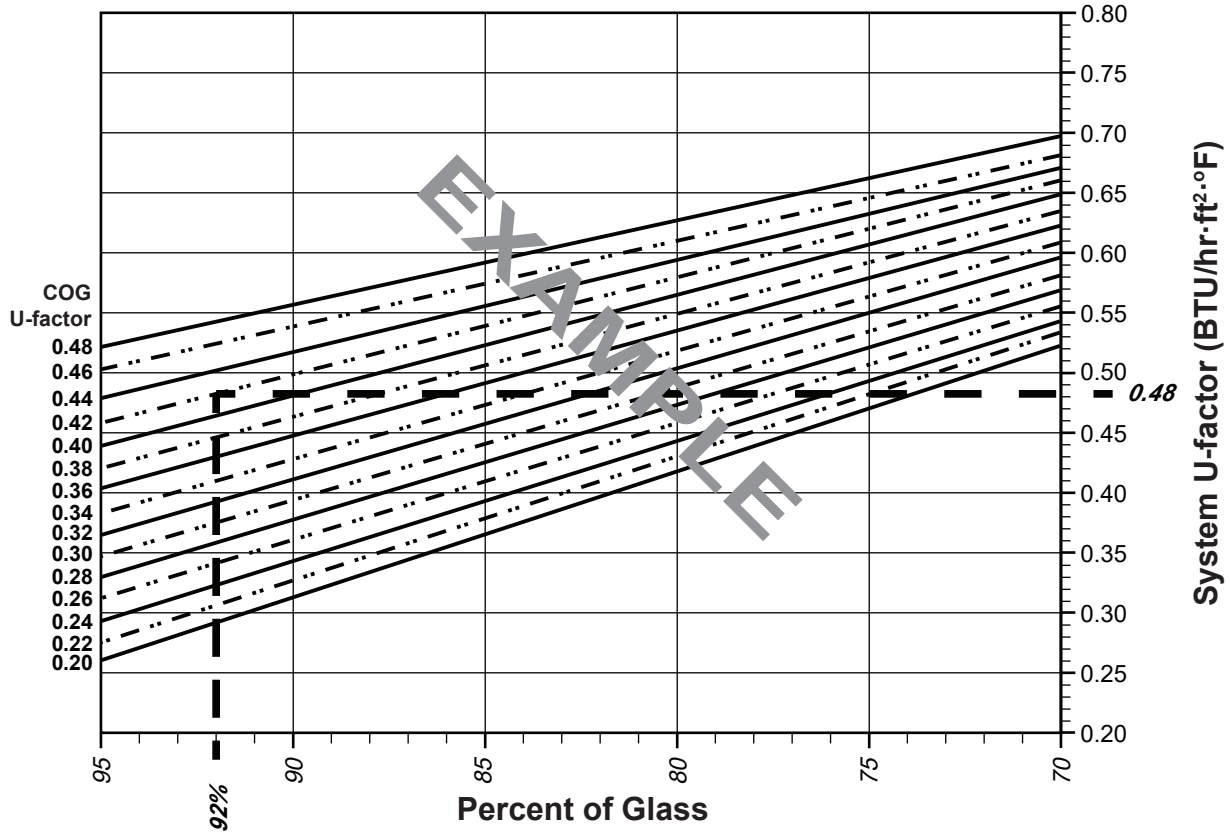
Example Glass U-factor = 0.42 Btu/hr·ft²·°F

Total Daylight Opening = 3(5' x 8') + 3(5' x 4') = 180ft²

Total Projected Area = (Total Daylight Opening + Total Area of Framing System)
= 15' 8" x 12' 6" = 195.83ft²

Percent of Glass = (Total Daylight Opening ÷ Total Projected Area)
= (180 ÷ 195.83)100 = 92%

System U-factor vs Percent of Glass Area

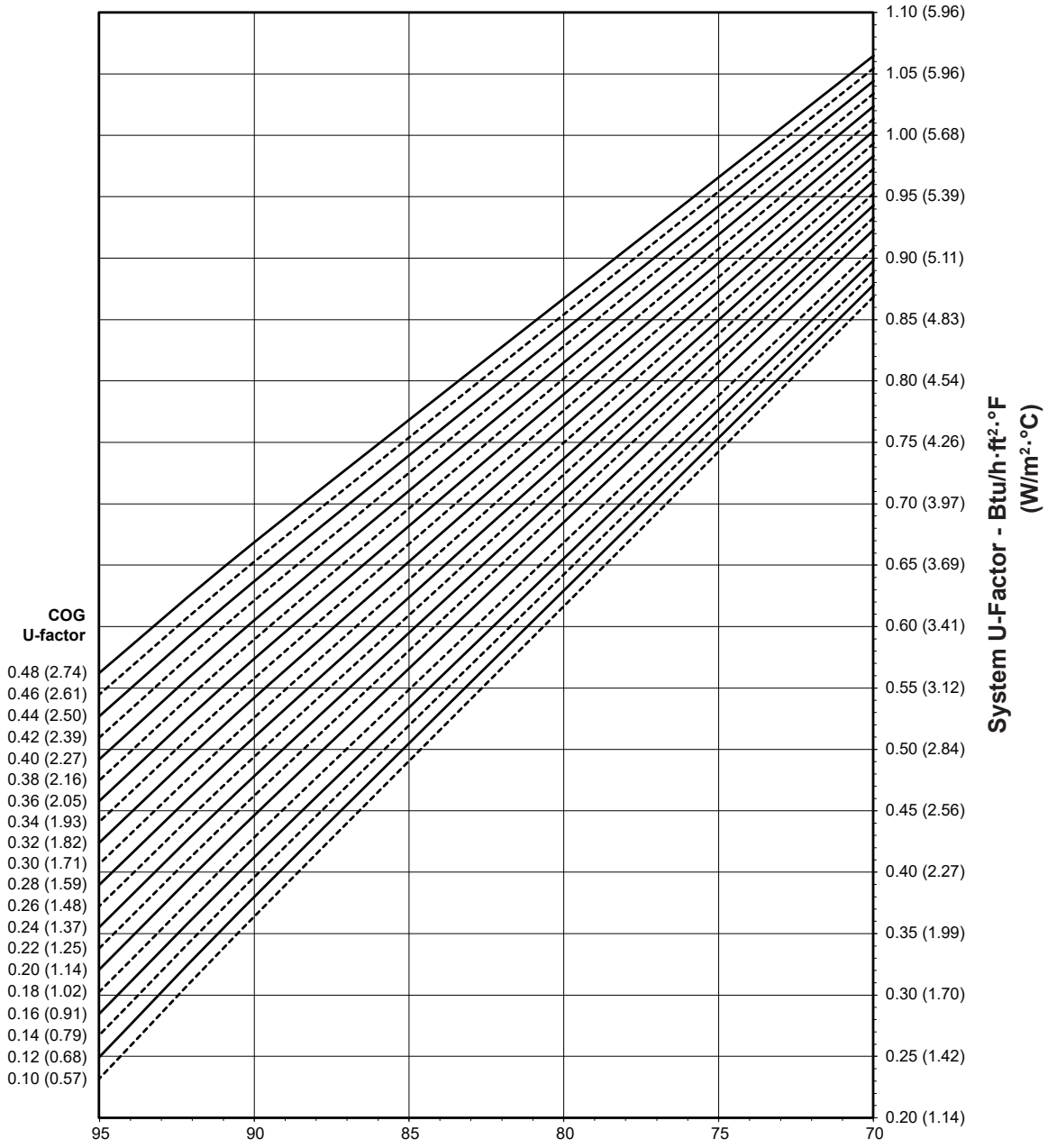


Based on 91% glass and center of glass (COG) U-factor of 0.42
System U-factor is equal to 0.49 Btu/hr x ft² x °F

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

Trifab® VersaGlaze® 601 Screw Spline (Non-Thermal) 1" Double Glazed - Aluminum Glazing Spacer

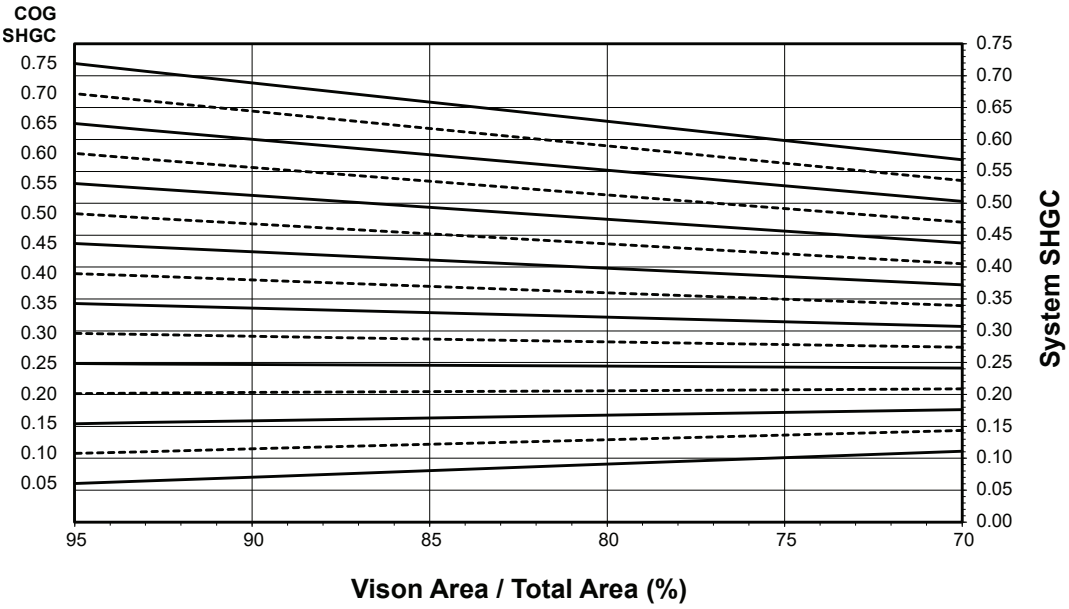
System U-factor vs Percent of Glass Area



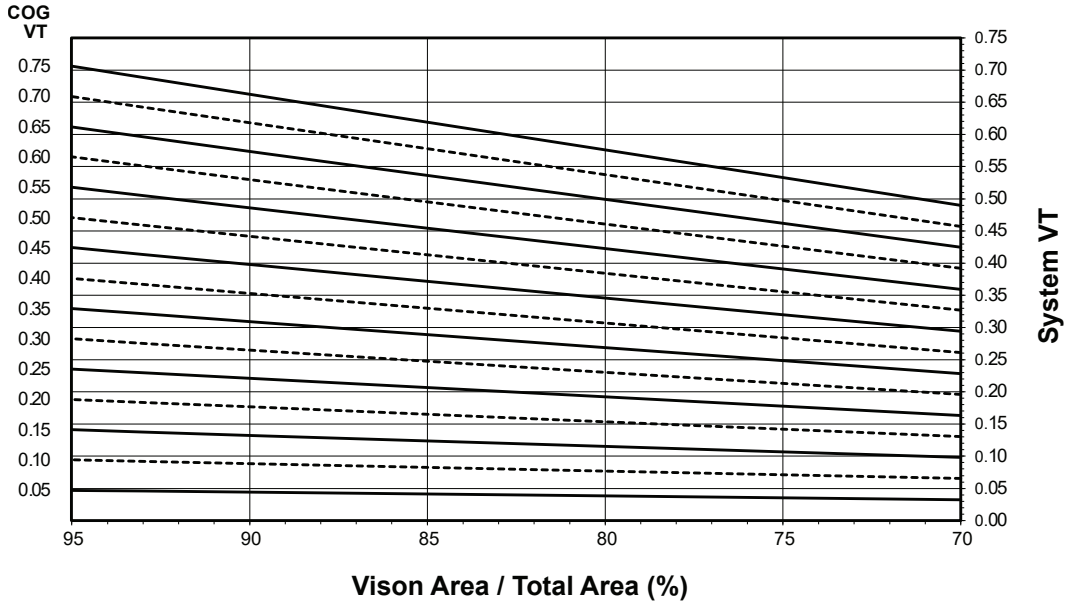
Notes for System U-factor, SHGC and VT charts:
For glass values that are not listed, linear interpolation is permitted.
Glass properties are based on center of glass values and are obtained from your glass supplier.

Trifab® VersaGlaze® 601 Screw Spline
(Non-Thermal)
1" Double Glazed - Aluminum Glazing Spacer

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



System Visible Transmittance (VT) vs Percent of Vision Area



Thermal Transmittance [1] (BTU/hr • ft [2] • °F)

Glass U-Factor [3]	Overall U-Factor [4]
0.48	0.68
0.46	0.66
0.44	0.65
0.42	0.63
0.40	0.62
0.38	0.60
0.36	0.58
0.34	0.57
0.32	0.55
0.30	0.54
0.28	0.52
0.26	0.51
0.24	0.49
0.22	0.47
0.20	0.46
0.18	0.44
0.16	0.42
0.14	0.41
0.12	0.39
0.10	0.38

Trifab® VersaGlaze® 601 Screw Spline (Non-Thermal) 1" Double Glazed Aluminum Glazing Spacer

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 [2]

Glass SHGC [3]	Overall SHGC [4]
0.75	0.69
0.70	0.64
0.65	0.60
0.60	0.55
0.55	0.51
0.50	0.47
0.45	0.42
0.40	0.38
0.35	0.33
0.30	0.29
0.25	0.25
0.20	0.20
0.15	0.16
0.10	0.12
0.05	0.07

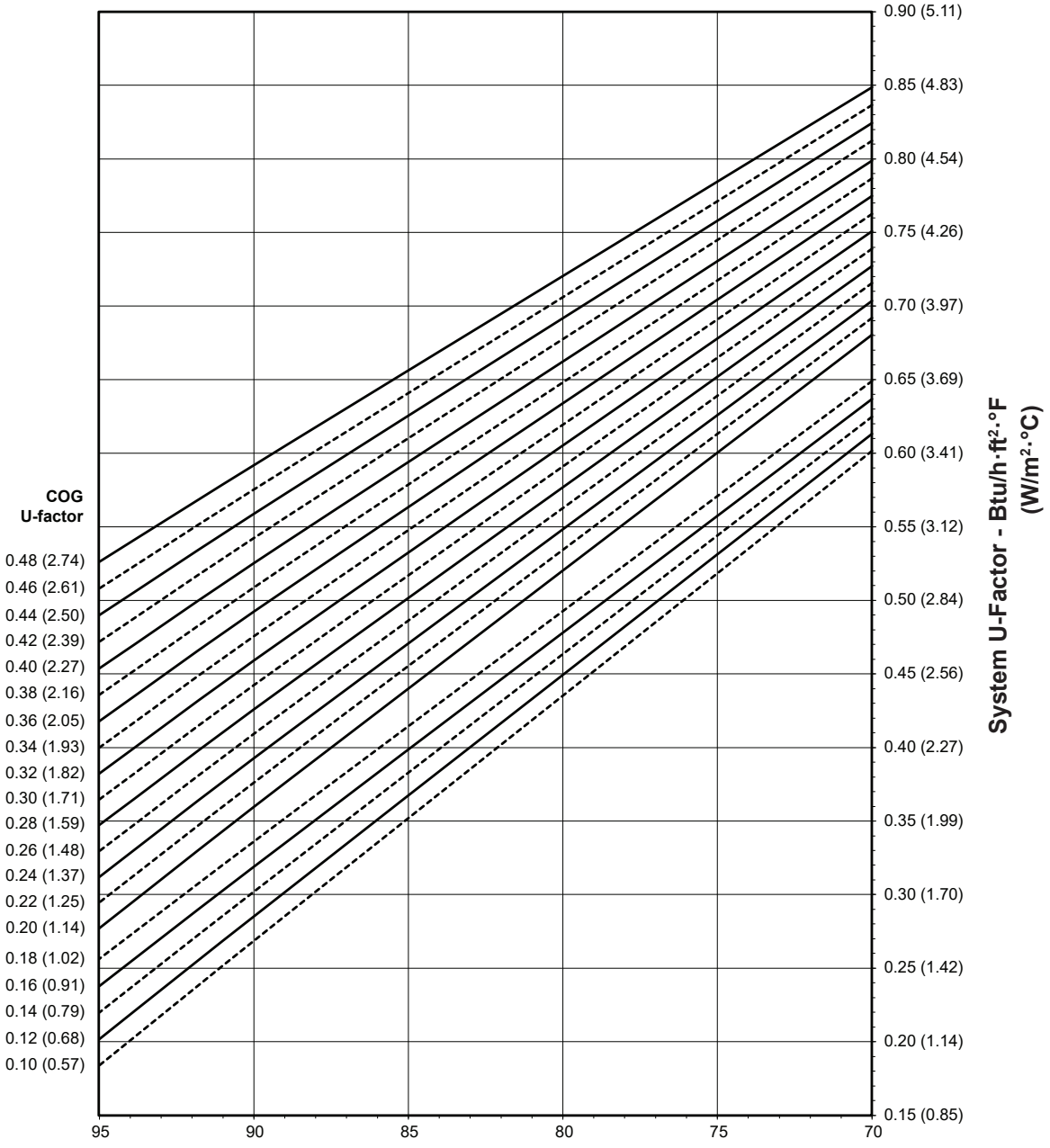
Visible Transmittance [2]

Glass VT [3]	Overall VT [4]
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

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

Trifab® VersaGlaze® 601 Receptor Adapted SSG Stick (Non-Thermal) 1" Double Glazed - Aluminum Glazing Spacer

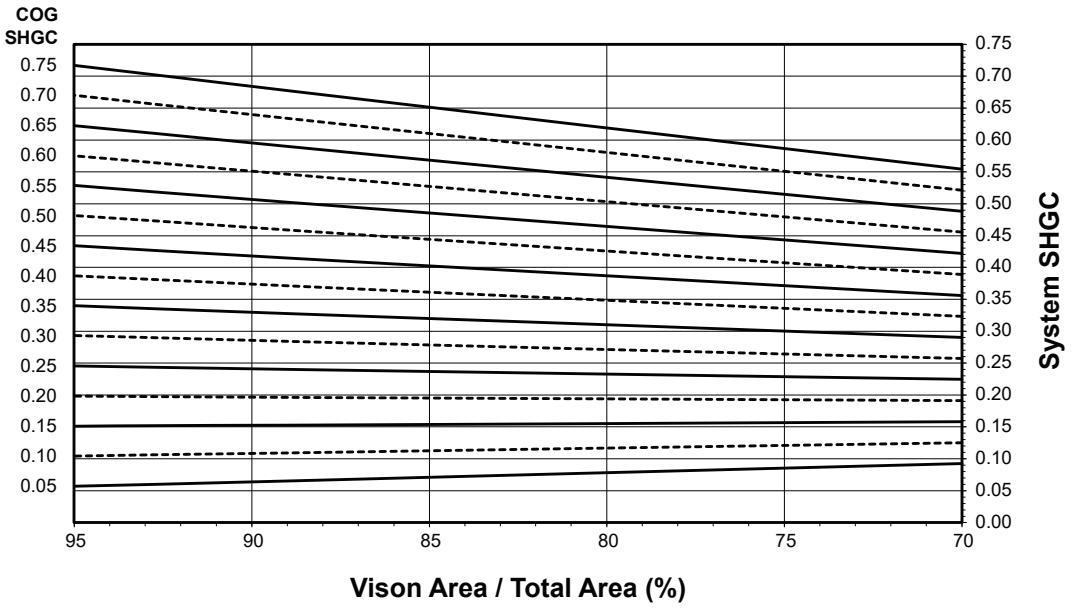
System U-factor vs Percent of Glass Area



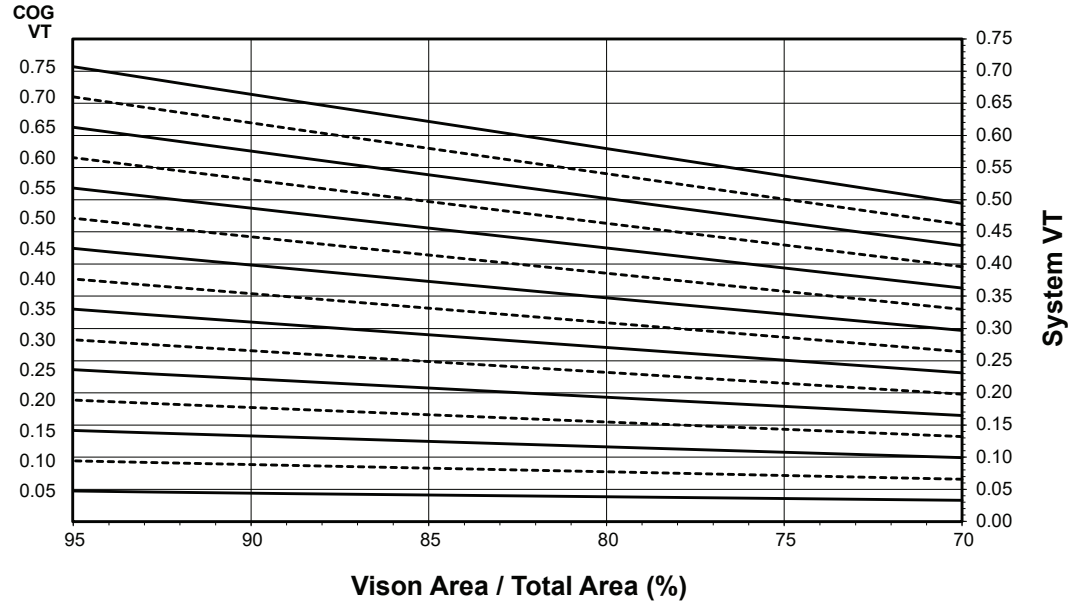
Notes for System U-factor, SHGC and VT charts:
For glass values that are not listed, linear interpolation is permitted.
Glass properties are based on center of glass values and are obtained from your glass supplier.

Trifab® VersaGlaze® 601 Receptor Adapted SSG Stick (Non-Thermal) 1" Double Glazed - Aluminum Glazing Spacer

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



System Visible Transmittance (VT) vs Percent of Vision Area



Thermal Transmittance [1] (BTU/hr • ft [2] • °F)

Glass U-Factor [3]	Overall U-Factor [4]
0.48	0.61
0.46	0.59
0.44	0.57
0.42	0.56
0.40	0.54
0.38	0.52
0.36	0.51
0.34	0.49
0.32	0.48
0.30	0.46
0.28	0.44
0.26	0.43
0.24	0.41
0.22	0.39
0.20	0.38
0.18	0.35
0.16	0.34
0.14	0.32
0.12	0.30
0.10	0.29

Trifab® VersaGlaze® 601 Receptor Adapted SSG Stick (Non-Thermal) 1" Double Glazed Aluminum Glazing Spacer

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 [2]

Glass SHGC [3]	Overall SHGC [4]
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	0.20
0.15	0.15
0.10	0.11
0.05	0.07

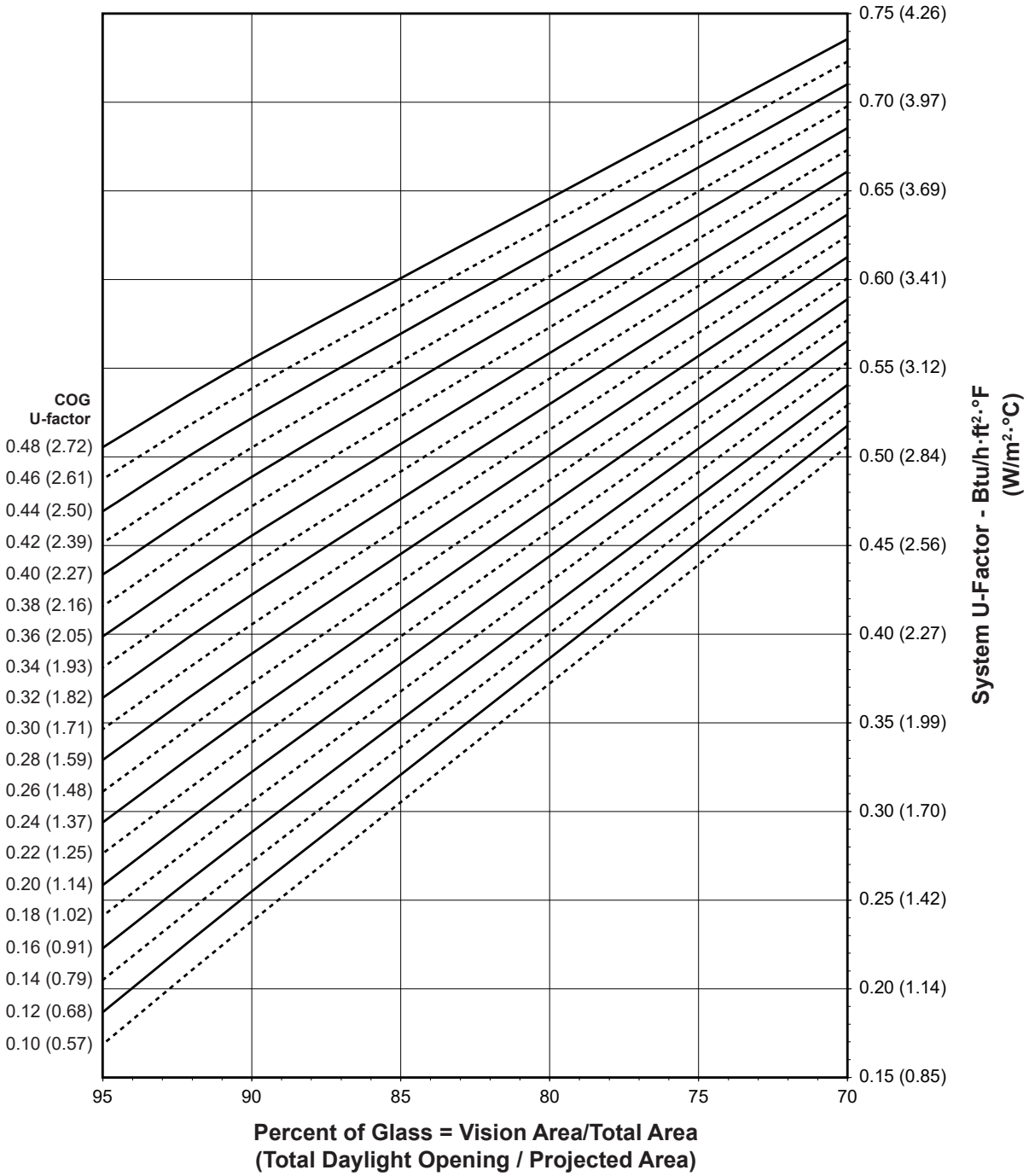
Visible Transmittance [2]

Glass VT [3]	Overall VT [4]
0.75	0.65
0.70	0.61
0.65	0.57
0.60	0.52
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	0.17
0.15	0.13
0.10	0.09
0.05	0.04

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

Trifab® VersaGlaze® 601T Screw Spline (Thermal) 1" Double Glazed - Warm Edge Glazing Spacer

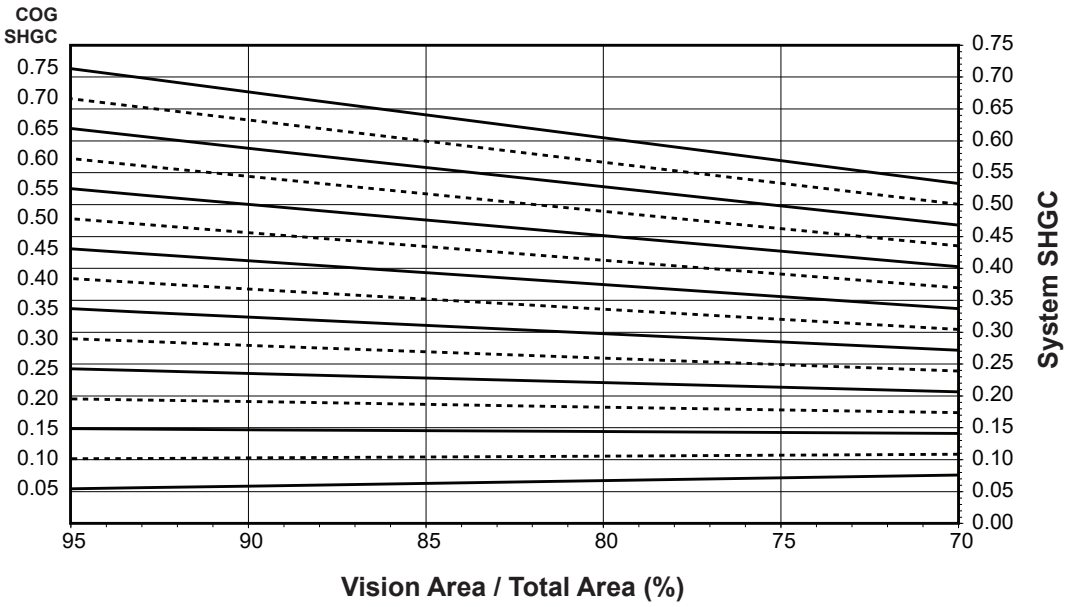
System U-factor vs Percent of Glass Area



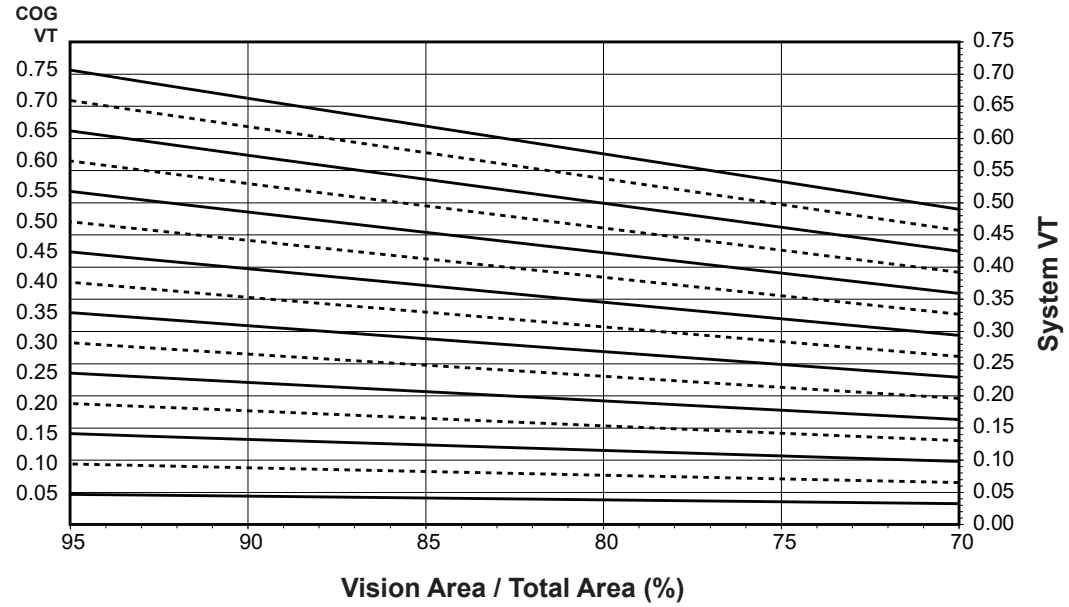
Notes for System U-factor, SHGC and VT charts:
For glass values that are not listed, linear interpolation is permitted.
Glass properties are based on center of glass values and are obtained from your glass supplier.

Trifab® VersaGlaze® 601T Screw Spline
(Thermal)
1" Double Glazed - Warm Edge Glazing Spacer

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



System Visible Transmittance (VT) vs Percent of Vision Area



Thermal Transmittance [1] (BTU/hr • ft [2] • °F)

Glass U-Factor [3]	Overall U-Factor [4]
0.48	0.56
0.46	0.54
0.44	0.53
0.42	0.51
0.40	0.49
0.38	0.48
0.36	0.46
0.34	0.44
0.32	0.43
0.30	0.41
0.28	0.39
0.26	0.38
0.24	0.36
0.22	0.34
0.20	0.33
0.18	0.31
0.16	0.29
0.14	0.28
0.12	0.26
0.10	0.24

Trifab® VersaGlaze® 601T Screw Spline (Thermal) 1" Double Glazed Warm Edge Glazing Spacer

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 [2]

Glass SHGC [3]	Overall SHGC [4]
0.75	0.67
0.70	0.63
0.65	0.59
0.60	0.54
0.55	0.50
0.50	0.45
0.45	0.41
0.40	0.37
0.35	0.32
0.30	0.28
0.25	0.23
0.20	0.19
0.15	0.15
0.10	0.10
0.05	0.06

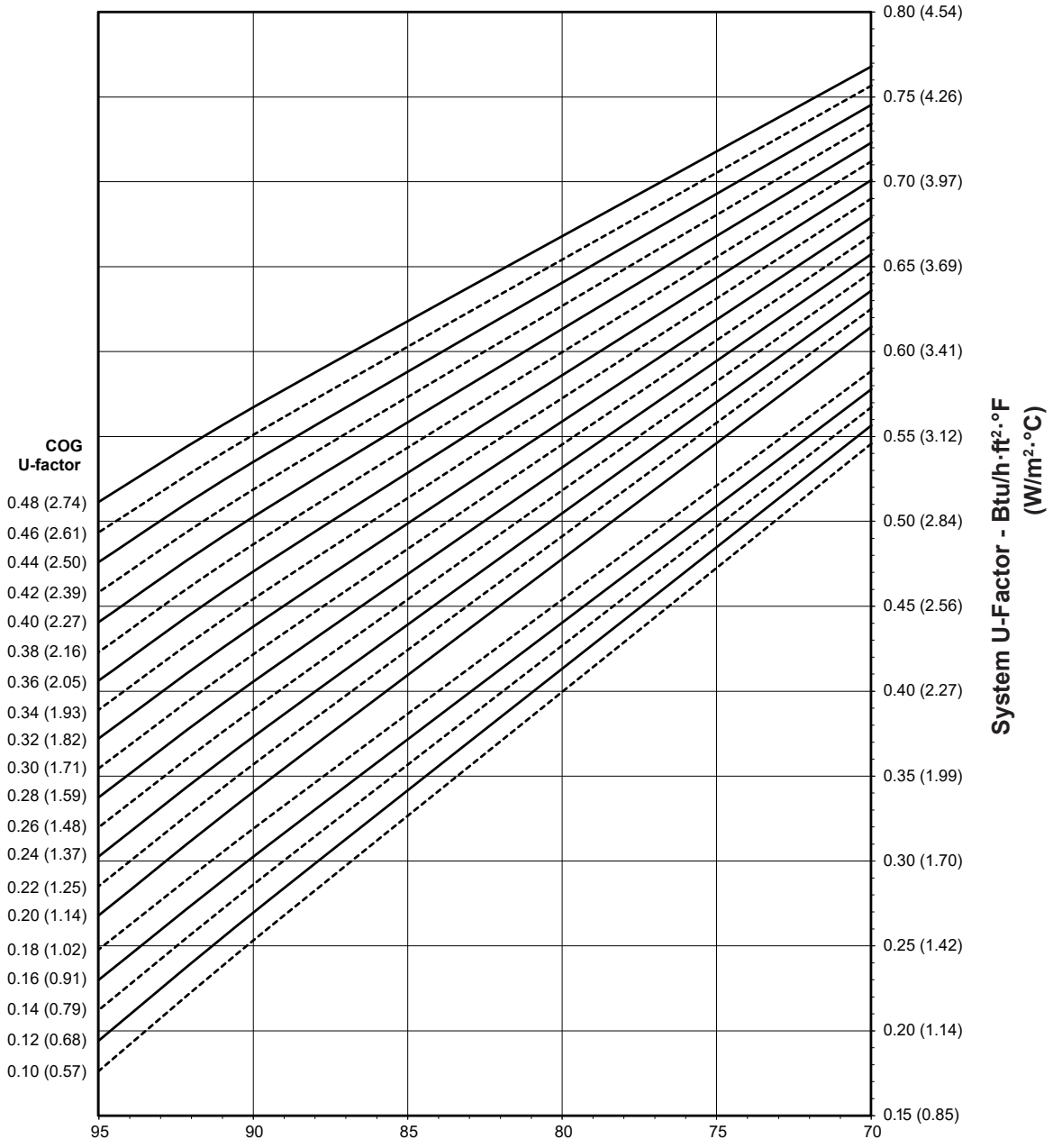
Visible Transmittance [2]

Glass VT [3]	Overall VT [4]
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

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

Trifab® VersaGlaze® 601T Screw Spline (Thermal) 1" Double Glazed - Aluminum Glazing Spacer

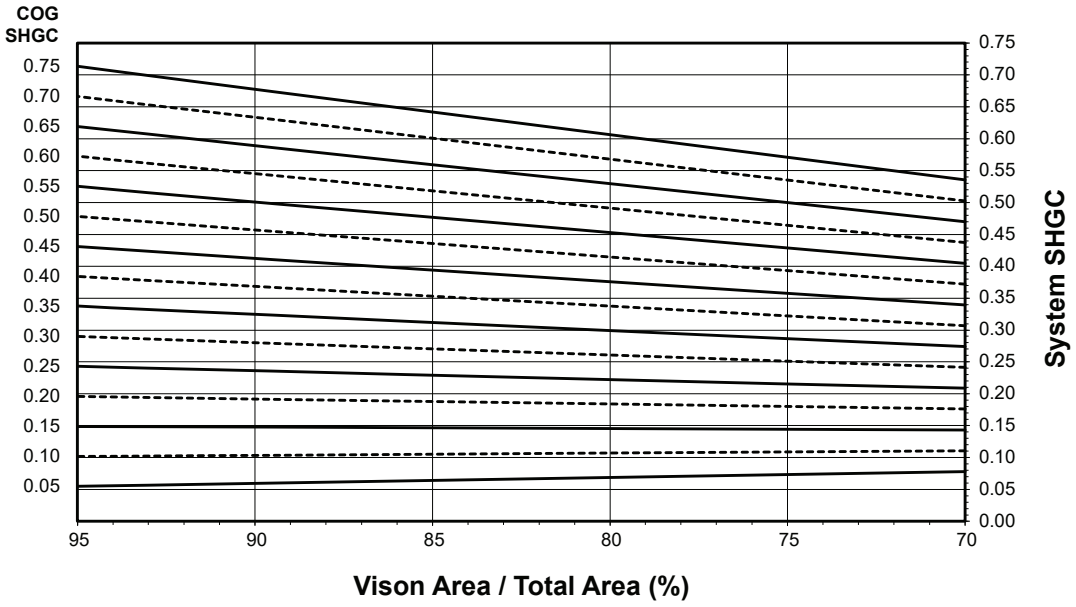
System U-factor vs Percent of Glass Area



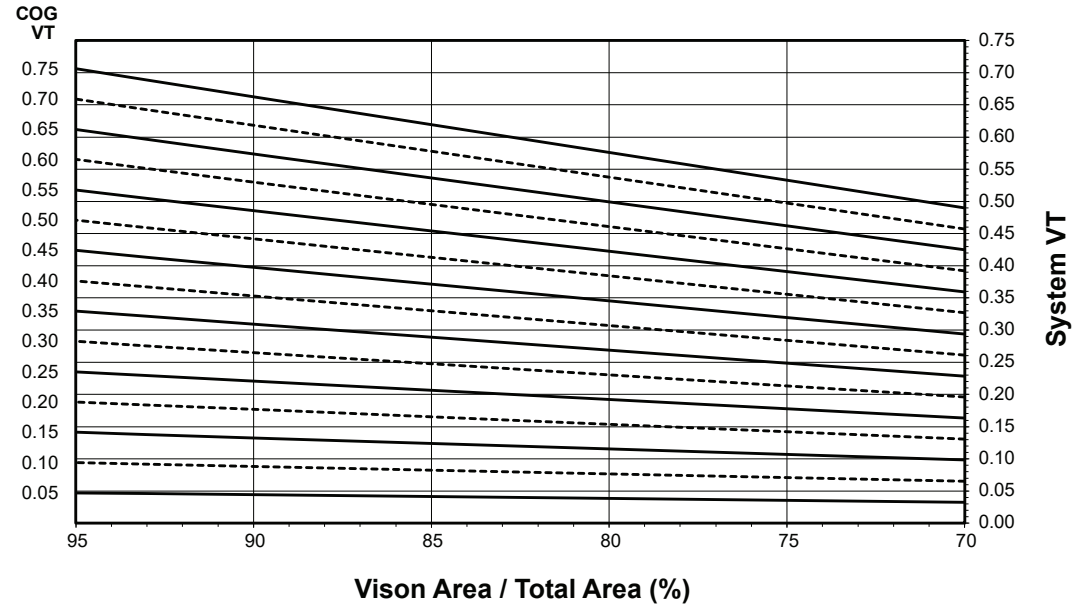
Notes for System U-factor, SHGC and VT charts:
For glass values that are not listed, linear interpolation is permitted.
Glass properties are based on center of glass values and are obtained from your glass supplier.

Trifab® VersaGlaze® 601T Screw Spline
(Thermal)
1" Double Glazed - Aluminum Glazing Spacer

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



System Visible Transmittance (VT) vs Percent of Vision Area



Thermal Transmittance [1] (BTU/hr • ft [2] • °F)

Glass U-Factor [3]	Overall U-Factor [4]
0.48	0.57
0.46	0.56
0.44	0.54
0.42	0.52
0.40	0.51
0.38	0.49
0.36	0.48
0.34	0.46
0.32	0.44
0.30	0.43
0.28	0.41
0.26	0.40
0.24	0.38
0.22	0.36
0.20	0.35
0.18	0.33
0.16	0.31
0.14	0.29
0.12	0.28
0.10	0.26

Trifab® VersaGlaze® 601T Screw Spline (Thermal) 1" Double Glazed Aluminum Glazing Spacer

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 [2]

Glass SHGC [3]	Overall SHGC [4]
0.75	0.67
0.70	0.63
0.65	0.59
0.60	0.54
0.55	0.50
0.50	0.45
0.45	0.41
0.40	0.37
0.35	0.32
0.30	0.28
0.25	0.24
0.20	0.19
0.15	0.15
0.10	0.10
0.05	0.06

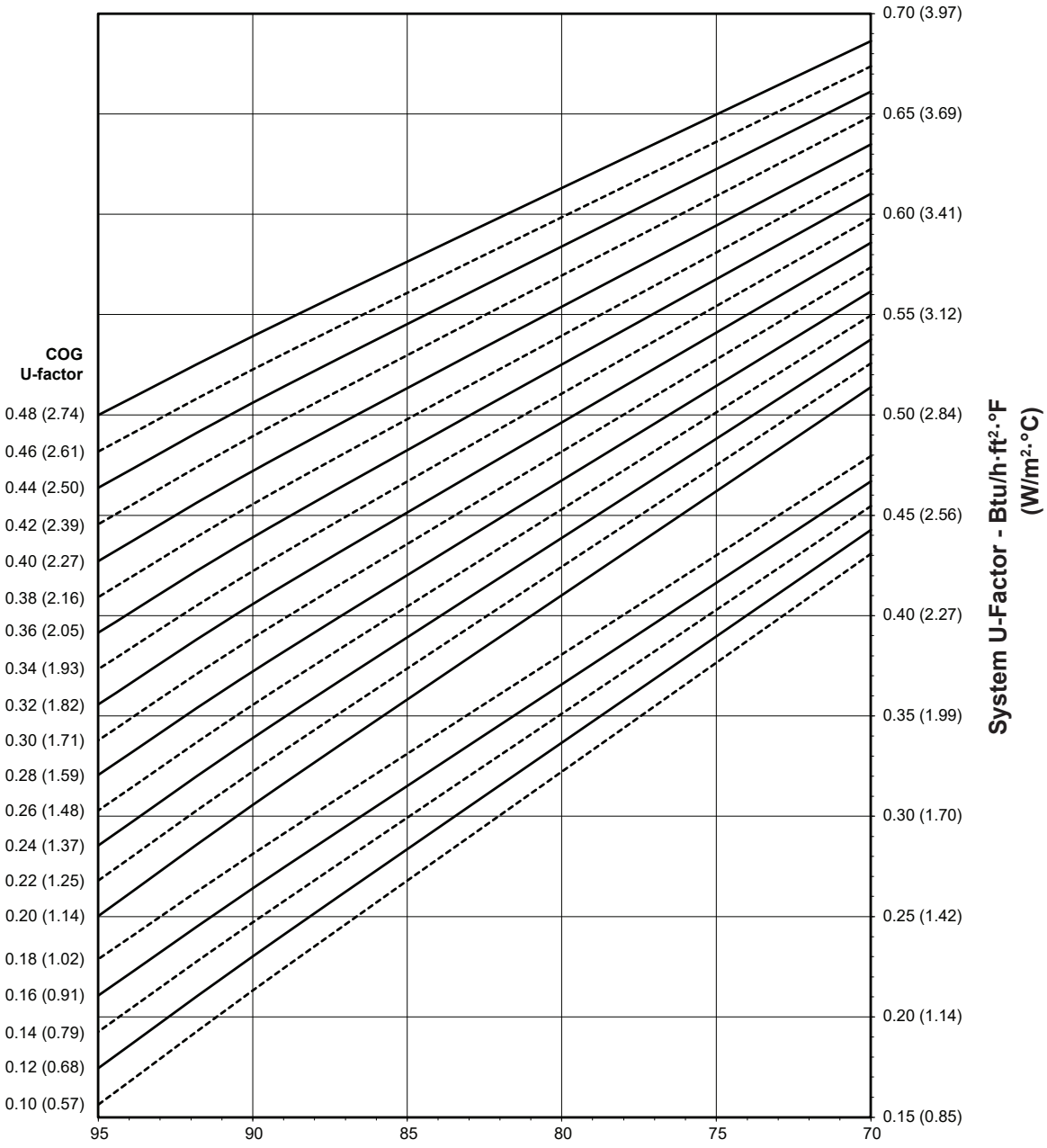
Visible Transmittance [2]

Glass VT [3]	Overall VT [4]
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

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

Trifab® VersaGlaze® 601T Receptor Adapted SSG Stick (Thermal) 1" Double Glazed - Aluminum Glazing Spacer

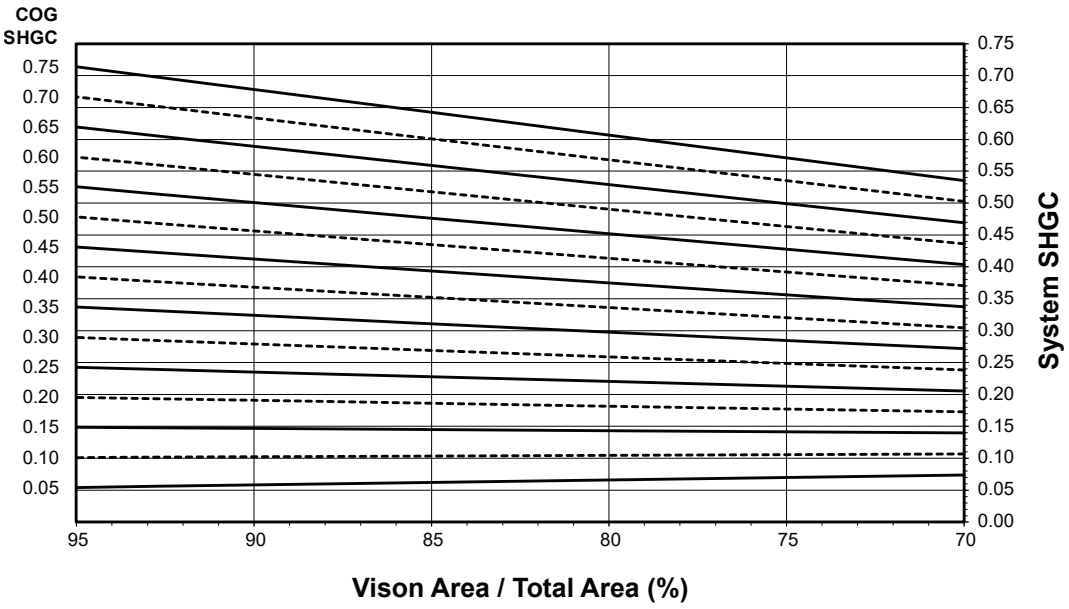
System U-factor vs Percent of Glass Area



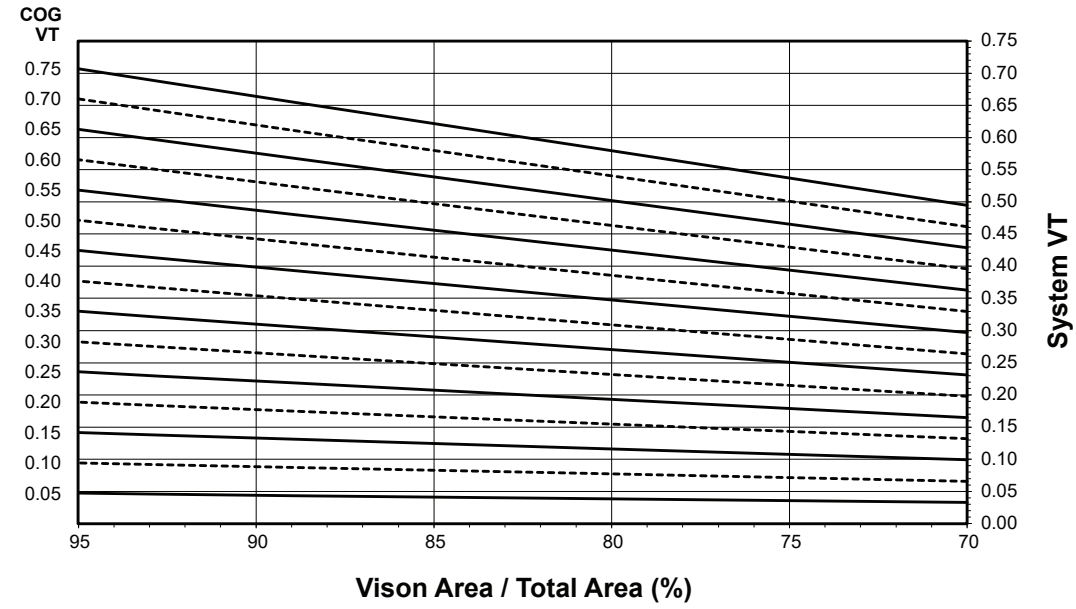
Notes for System U-factor, SHGC and VT charts:
For glass values that are not listed, linear interpolation is permitted.
Glass properties are based on center of glass values and are obtained from your glass supplier.

Trifab® VersaGlaze® 601T Receptor Adapted SSG Stick (Thermal) 1" Double Glazed - Aluminum Glazing Spacer

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



System Visible Transmittance (VT) vs Percent of Vision Area



Thermal Transmittance [1] (BTU/hr • ft [2] • °F)

Glass U-Factor [3]	Overall U-Factor [4]
0.48	0.55
0.46	0.53
0.44	0.51
0.42	0.50
0.40	0.48
0.38	0.47
0.36	0.45
0.34	0.43
0.32	0.42
0.30	0.40
0.28	0.38
0.26	0.37
0.24	0.35
0.22	0.33
0.20	0.32
0.18	0.29
0.16	0.28
0.14	0.26
0.12	0.24
0.10	0.23

Trifab® VersaGlaze® 601T Receptor Adapted SSG Stick (Thermal) 1" Double Glazed Aluminum Glazing Spacer

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 [2]

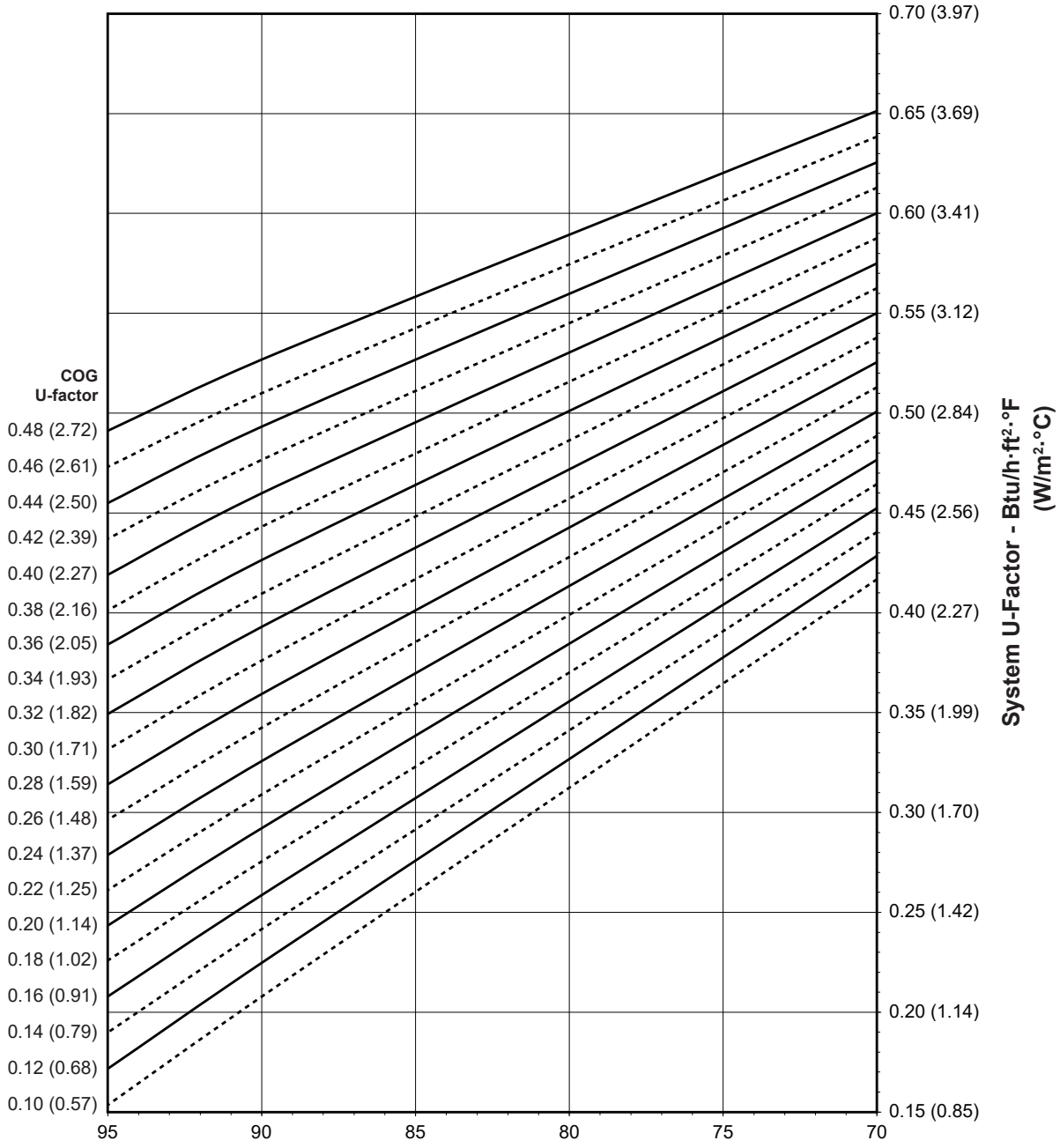
Glass SHGC [3]	Overall SHGC [4]
0.75	0.67
0.70	0.63
0.65	0.58
0.60	0.54
0.55	0.50
0.50	0.45
0.45	0.41
0.40	0.36
0.35	0.32
0.30	0.28
0.25	0.23
0.20	0.19
0.15	0.15
0.10	0.10
0.05	0.06

Visible Transmittance [2]

Glass VT [3]	Overall VT [4]
0.75	0.65
0.70	0.61
0.65	0.57
0.60	0.52
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	0.17
0.15	0.13
0.10	0.09
0.05	0.04

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

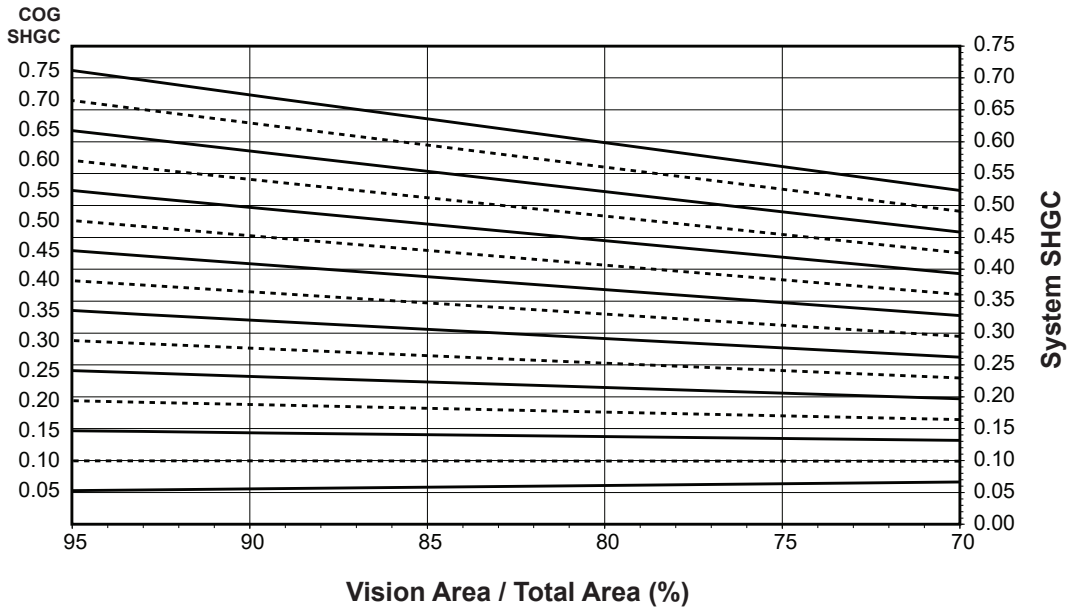
Trifab® VersaGlaze® 601UT Screw Spline
(Ultra Thermal)
1" Double Glazed - Warm Edge Glazing Spacer
System U-factor vs Percent of Glass Area



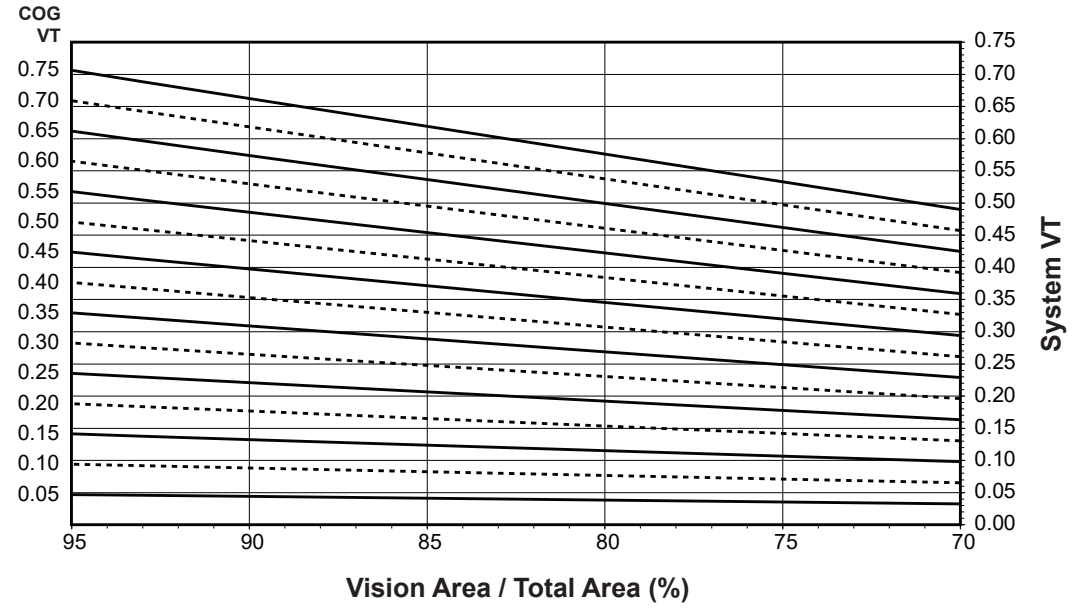
Notes for System U-factor, SHGC and VT charts:
For glass values that are not listed, linear interpolation is permitted.
Glass properties are based on center of glass values and are obtained from your glass supplier.

Trifab® VersaGlaze® 601UT Screw Spline
(Ultra Thermal)
1" Double Glazed - Warm Edge Glazing Spacer

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



System Visible Transmittance (VT) vs Percent of Vision Area



Thermal Transmittance [1] (BTU/hr • ft [2] • °F)

Glass U-Factor [3]	Overall U-Factor [4]
0.48	0.53
0.46	0.51
0.44	0.50
0.42	0.48
0.40	0.46
0.38	0.45
0.36	0.43
0.34	0.41
0.32	0.40
0.30	0.38
0.28	0.36
0.26	0.35
0.24	0.33
0.22	0.31
0.20	0.30
0.18	0.28
0.16	0.26
0.14	0.25
0.12	0.23
0.10	0.21

Trifab® VersaGlaze® 601UT Screw Spline (Ultra Thermal) 1" Double Glazed Warm Edge Glazing Spacer

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 [2]

Glass SHGC [3]	Overall SHGC [4]
0.75	0.67
0.70	0.63
0.65	0.58
0.60	0.54
0.55	0.49
0.50	0.45
0.45	0.41
0.40	0.36
0.35	0.32
0.30	0.28
0.25	0.23
0.20	0.19
0.15	0.14
0.10	0.10
0.05	0.06

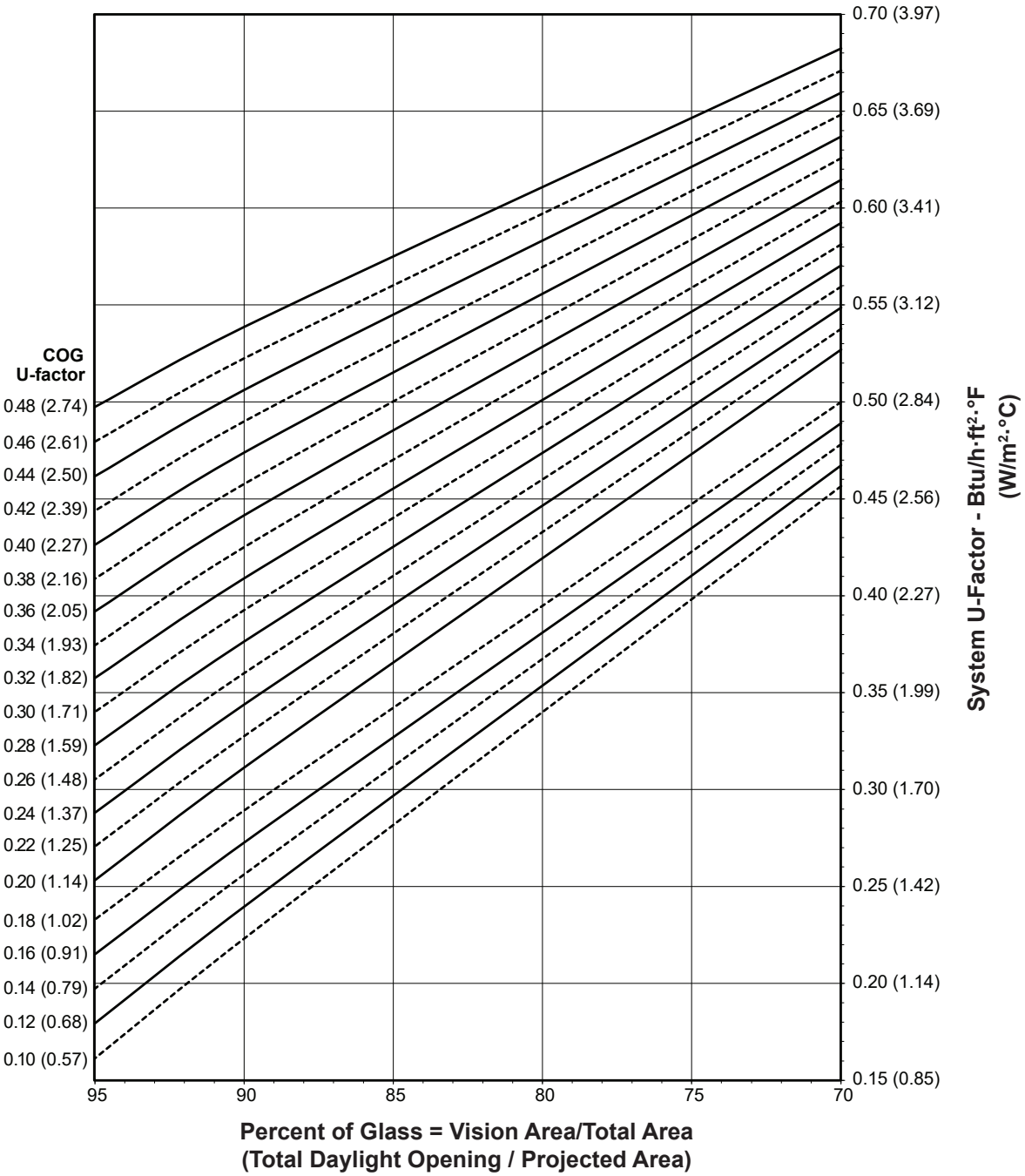
Visible Transmittance [2]

Glass VT [3]	Overall VT [4]
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

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

Trifab® VersaGlaze® 601UT Screw Spline (Ultra Thermal) 1" Double Glazed - Aluminum Glazing Spacer

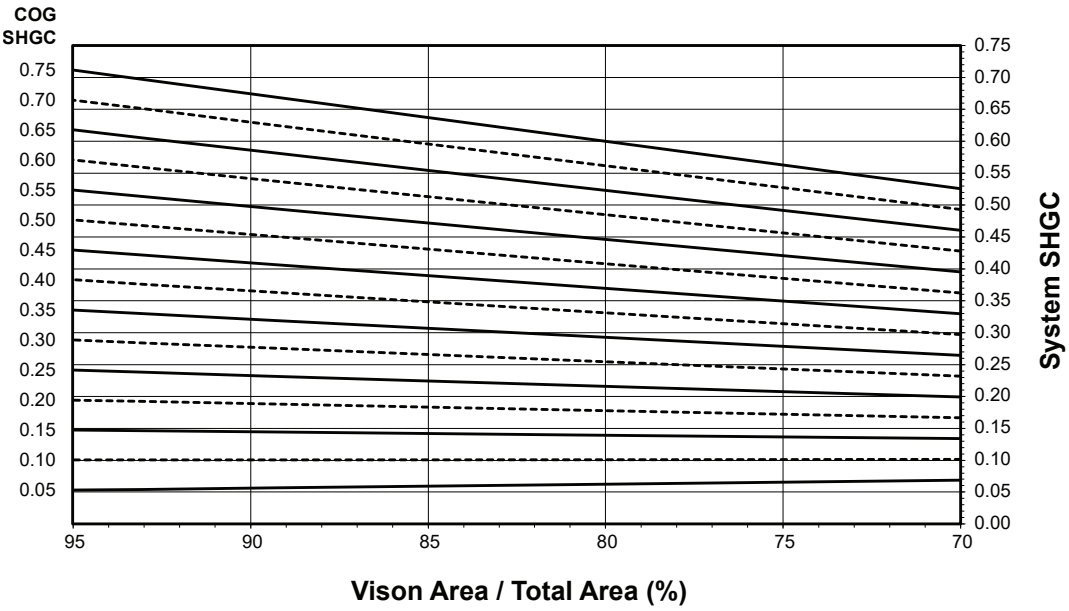
System U-factor vs Percent of Glass Area



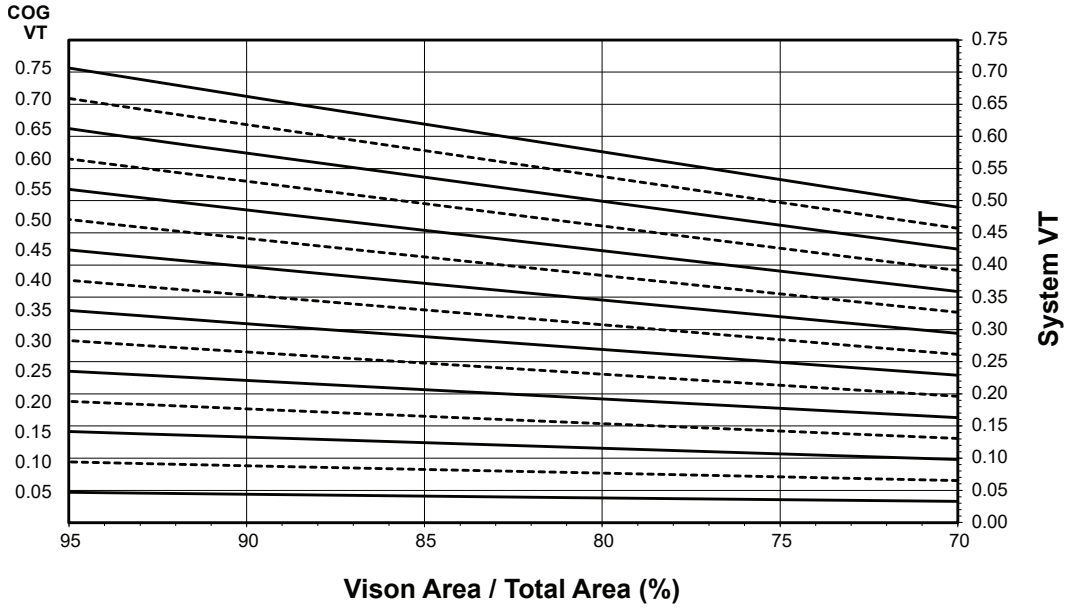
Notes for System U-factor, SHGC and VT charts:
For glass values that are not listed, linear interpolation is permitted.
Glass properties are based on center of glass values and are obtained from your glass supplier.

Trifab® VersaGlaze® 601UT Screw Spline
(Ultra Thermal)
1" Double Glazed - Aluminum Glazing Spacer

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



System Visible Transmittance (VT) vs Percent of Vision Area



Thermal Transmittance [1] (BTU/hr • ft [2] • °F)

Glass U-Factor [3]	Overall U-Factor [4]
0.48	0.54
0.46	0.53
0.44	0.51
0.42	0.49
0.40	0.48
0.38	0.46
0.36	0.45
0.34	0.43
0.32	0.41
0.30	0.40
0.28	0.38
0.26	0.37
0.24	0.35
0.22	0.33
0.20	0.32
0.18	0.29
0.16	0.28
0.14	0.26
0.12	0.25
0.10	0.23

Trifab® VersaGlaze® 601UT Screw Spline (Ultra Thermal) 1" Double Glazed Aluminum Glazing Spacer

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").

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Glass SHGC [3]	Overall SHGC [4]
0.75	0.67
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0.40	0.36
0.35	0.32
0.30	0.28
0.25	0.23
0.20	0.19
0.15	0.14
0.10	0.10
0.05	0.06

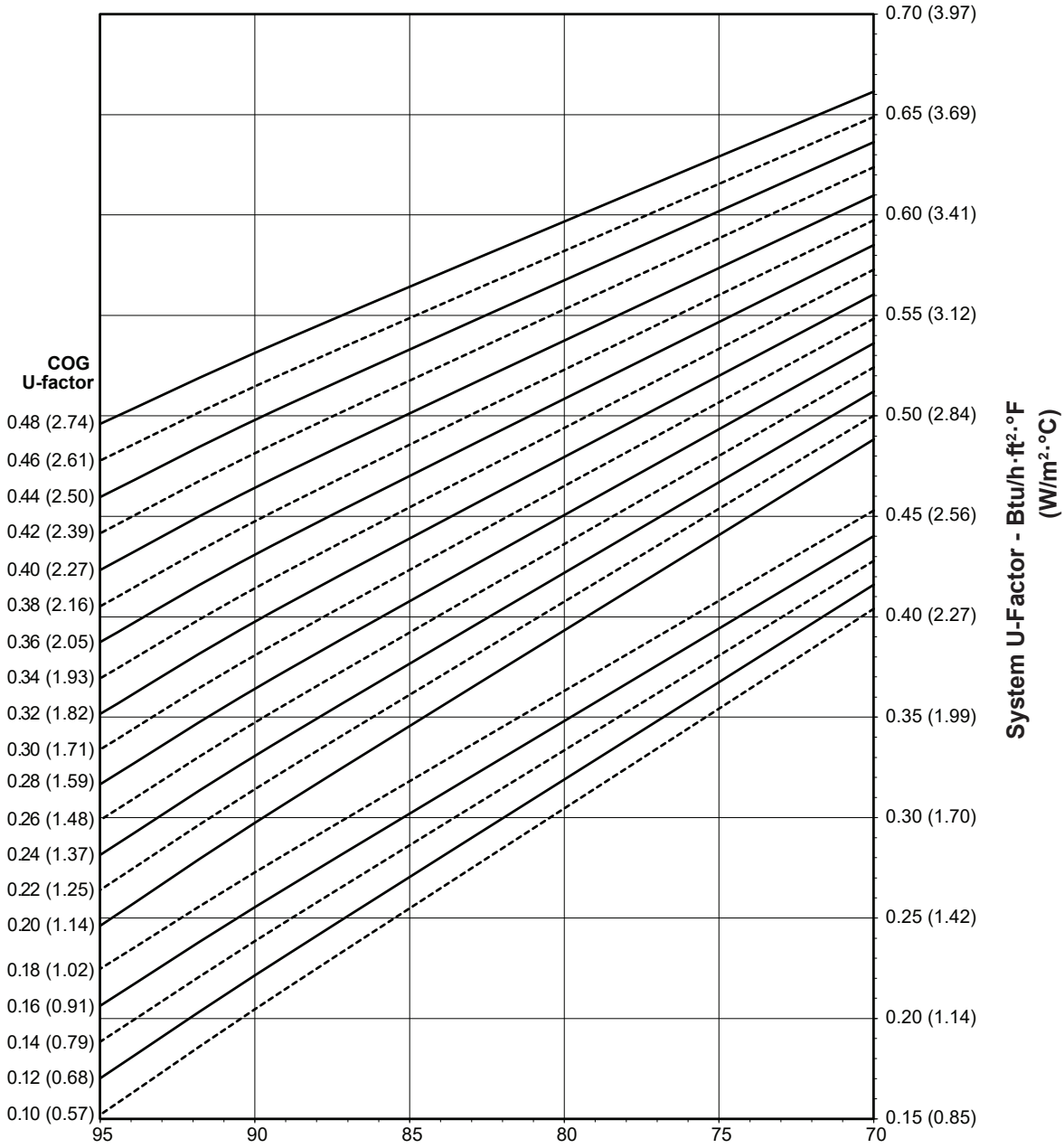
Visible Transmittance [2]

Glass VT [3]	Overall VT [4]
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

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

Trifab® VersaGlaze® 601UT Receptor Adapted SSG Stick (Ultra Thermal) 1" Double Glazed - Aluminum Glazing Spacer

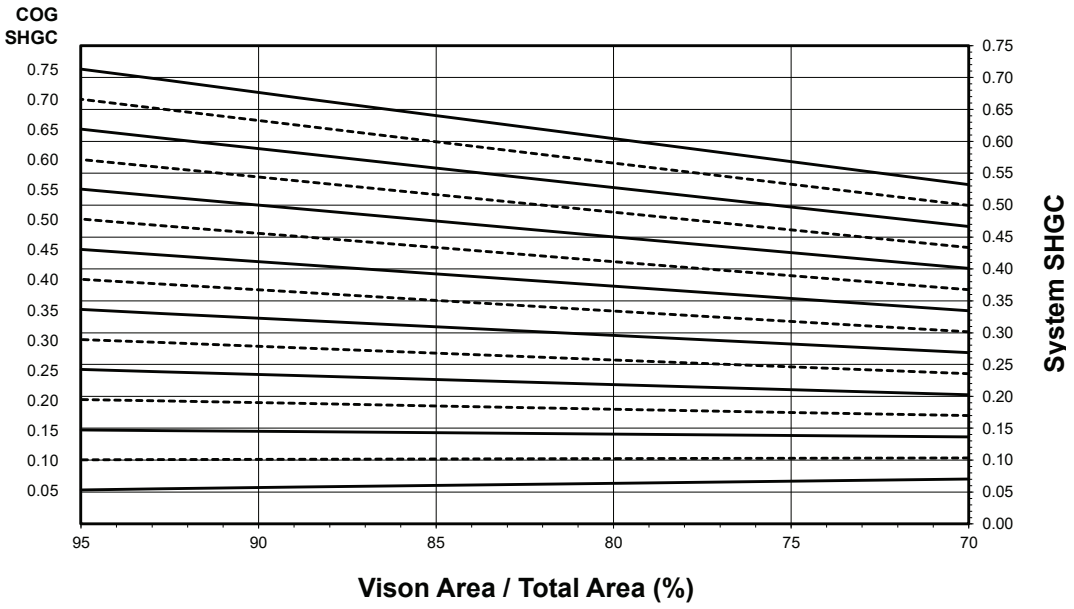
System U-factor vs Percent of Glass Area



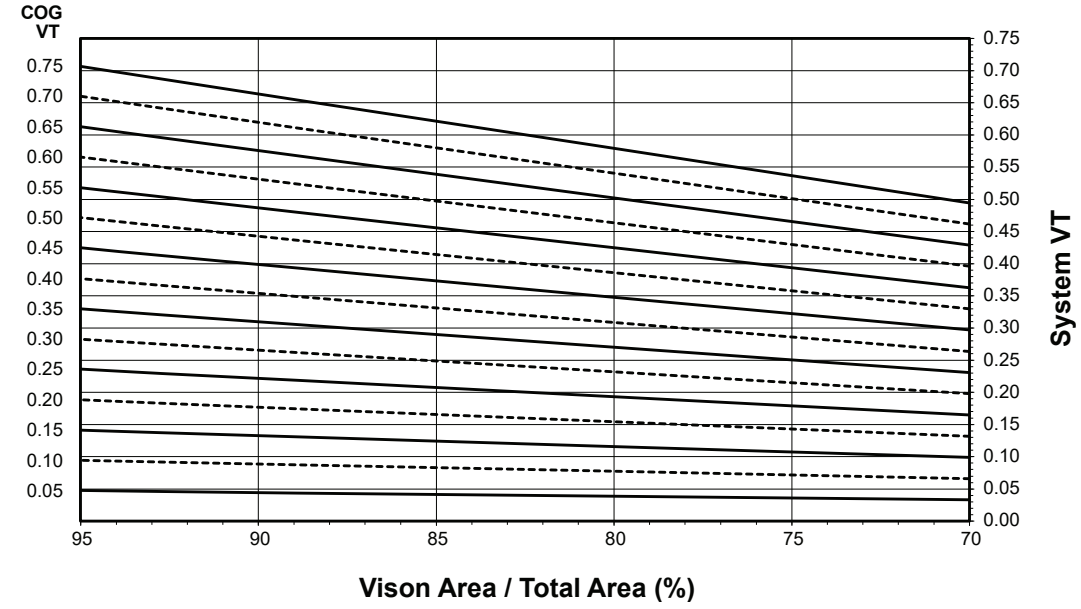
Notes for System U-factor, SHGC and VT charts:
For glass values that are not listed, linear interpolation is permitted.
Glass properties are based on center of glass values and are obtained from your glass supplier.

Trifab® VersaGlaze® 601UT Receptor Adapted SSG Stick (Ultra Thermal) 1" Double Glazed - Aluminum Glazing Spacer

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



System Visible Transmittance (VT) vs Percent of Vision Area



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0.32	0.41
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	0.23
0.10	0.22

Trifab® VersaGlaze® 601UT Receptor Adapted SSG Stick (Ultra Thermal) 1" Double Glazed Aluminum Glazing Spacer

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.
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0.30	0.26
0.25	0.22
0.20	0.17
0.15	0.13
0.10	0.09
0.05	0.04