

Features

- 2500 PG Wall® is a pre-glazed unitized curtain wall
- 2-1/2" (63.5) sightlines and 7-1/2" (190.5) system depth
- Prefabricated and shipped knocked-down
- Screw spline shop assembly
- Shop glazed infill options:
 - 1" (25.4) insulating vision
 - 1/4" (6.3) or 1" (25.4) insulating spandrel
 - Spandrel back panning
- Four system types available:
 - 4-side captured
 - 4-side SSG
 - Vertical SSG
 - Horizontal SSG
- Adjustable slab edge, drop-on anchors
- No exterior applied joint seals
- Exterior re-glazing capability
- 90° inside and outside corners
- ±1/2" total allowable vertical movement per floor
- Fully tested including thermal and acoustical
- Two color option
- Permanodic® anodized finishes option
- Painted finishes in standard and custom choices

Optional Features

- Interior trim options
- Steel reinforcing
- Accepts GLASSvent® windows for curtain wall with 4-side captured system type
- Available pressure equalization enhancement option
- Profit\$Maker® Plus die sets available
- Hurricane impact resistant framing options: 7-1/2" (190.5)

Product Applications

- Suitable for new construction or remodel
- Ideal for mid-rise and high-rise applications

For specific product applications,
consult your Kawneer representative.

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Architects – Most extrusions illustrated in this catalog are standard products for Kawneer. These concepts have been expanded and modified to afford you design freedom. Some miscellaneous details are non-standard and are intended to demonstrate how the system can be modified to expand design flexibility. Please contact your Kawneer representative for further assistance.

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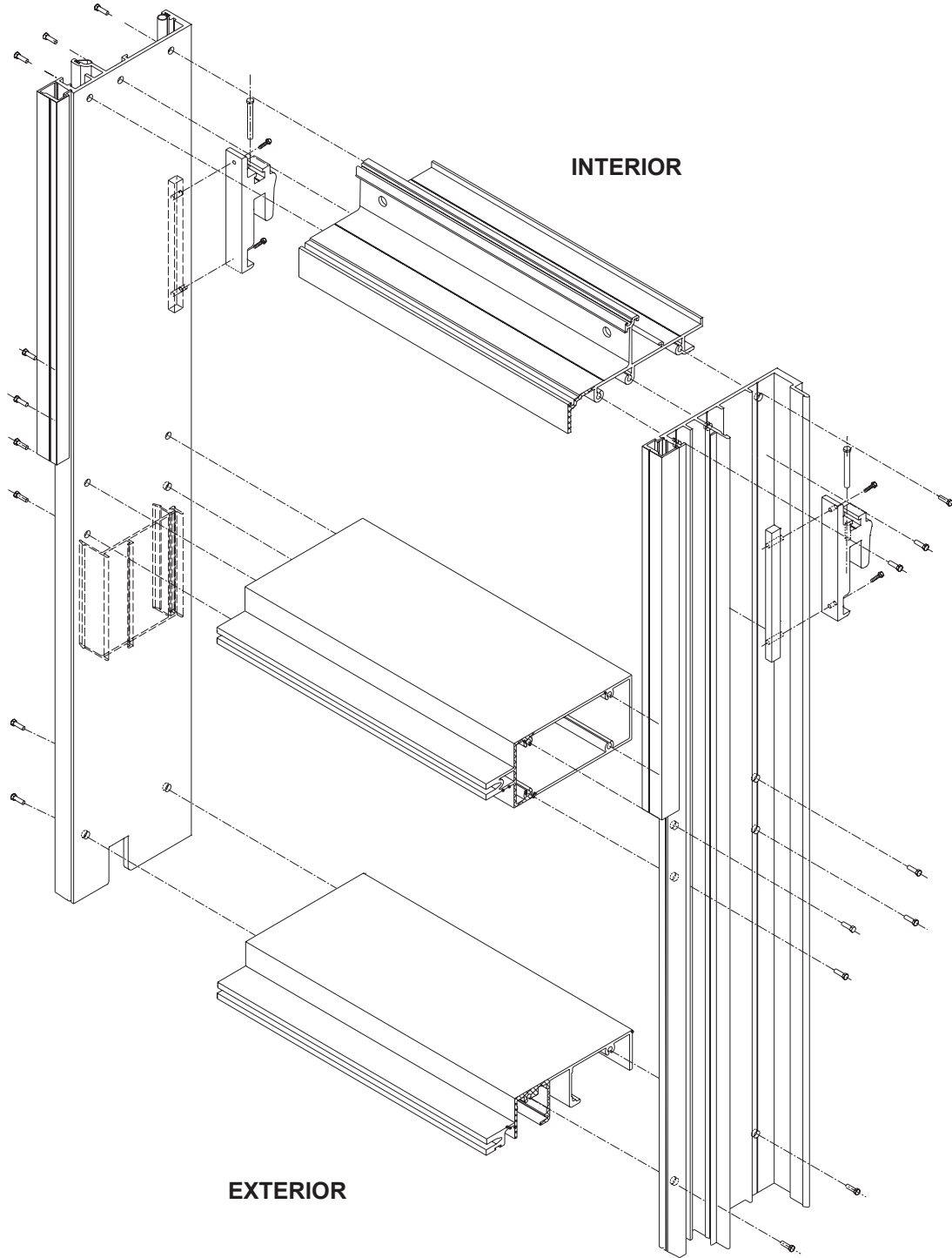
Metric (SI) conversion figures are included throughout these details for reference. Numbers in parentheses () are millimeters unless otherwise noted.

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

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

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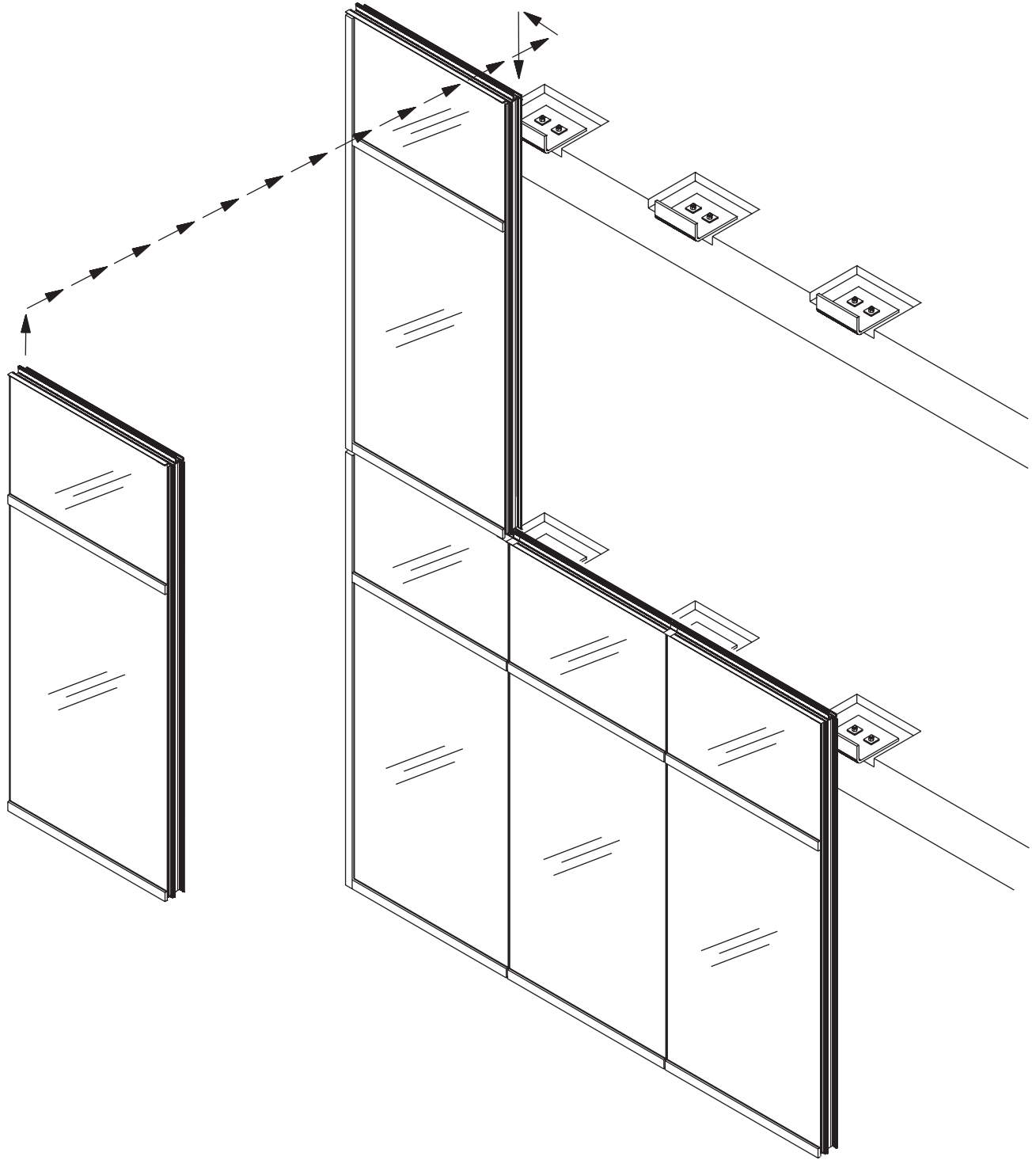
**TYPICAL UNIT
(4-SIDE CAPTURED SYSTEM)**

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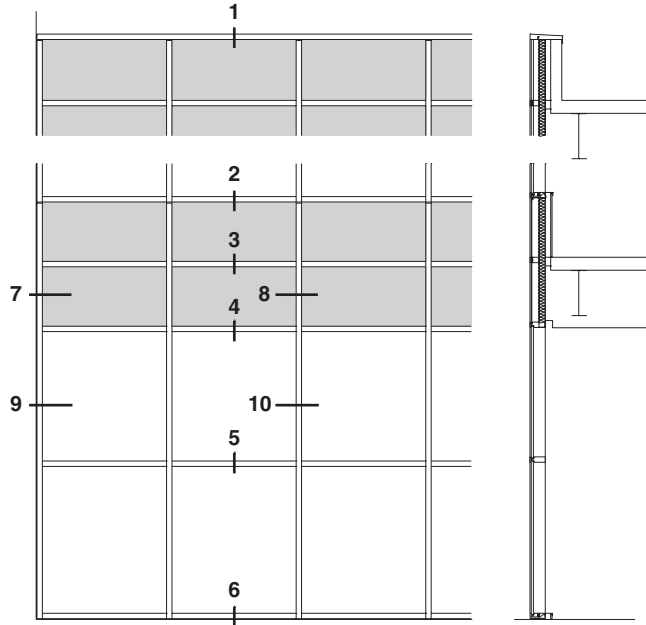
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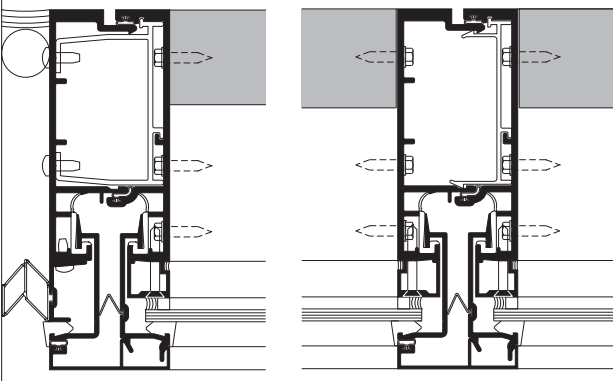
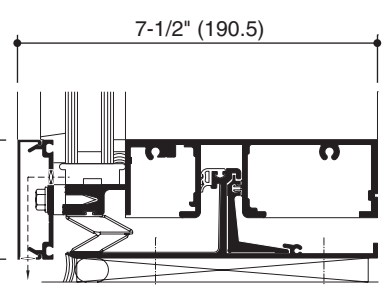
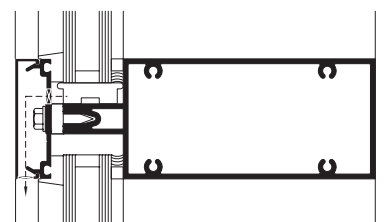
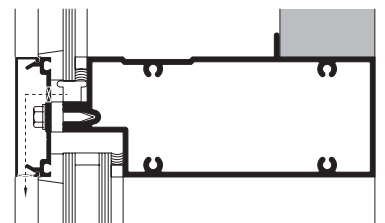
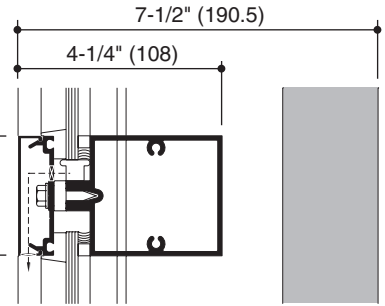
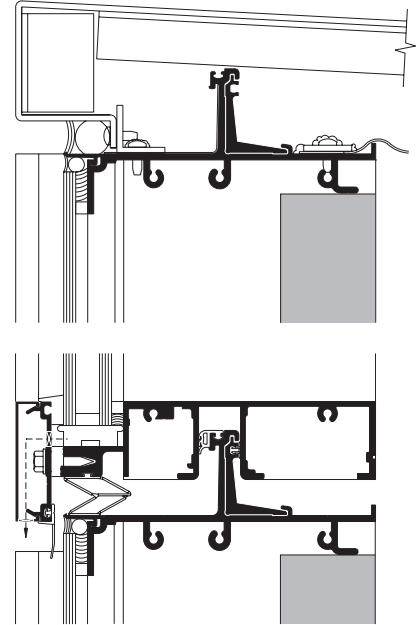


VERTICAL SSG SYSTEM SHOWN

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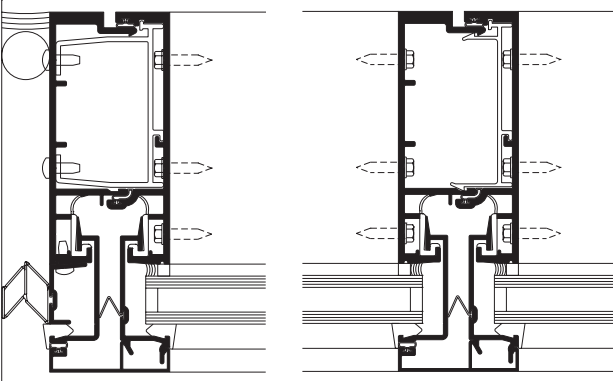


TYPICAL ELEVATION
(4-SIDE CAPTURED SYSTEM)



7 JAMB
1/4" INFILL

8 MULLION
1/4" INFILL



9 JAMB

10 MULLION

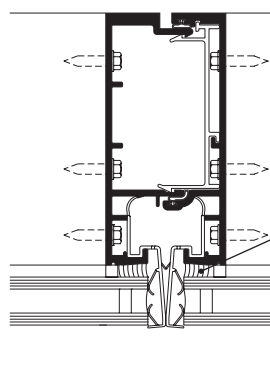
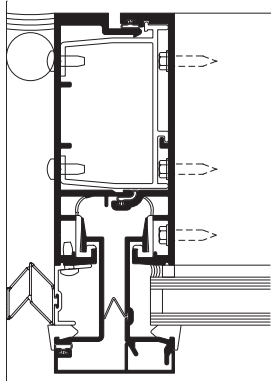
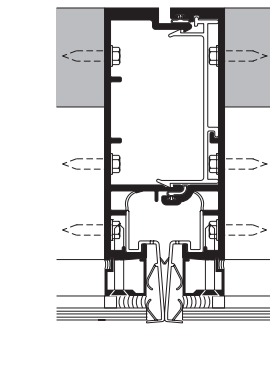
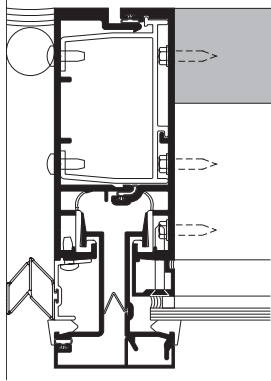
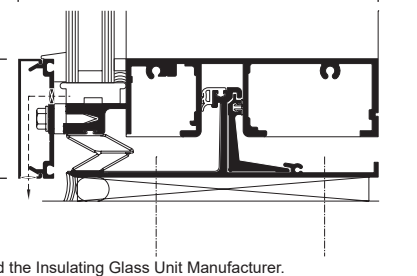
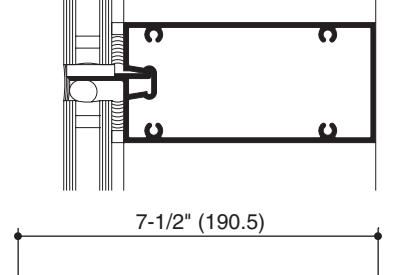
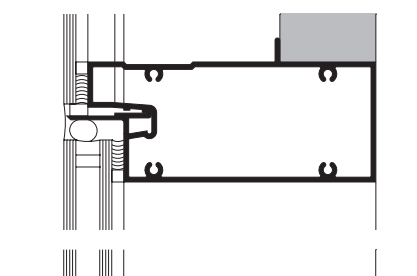
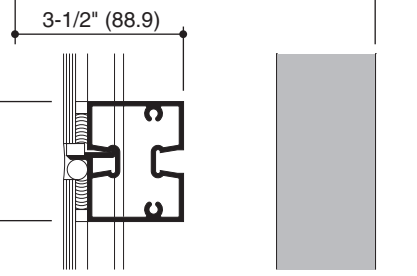
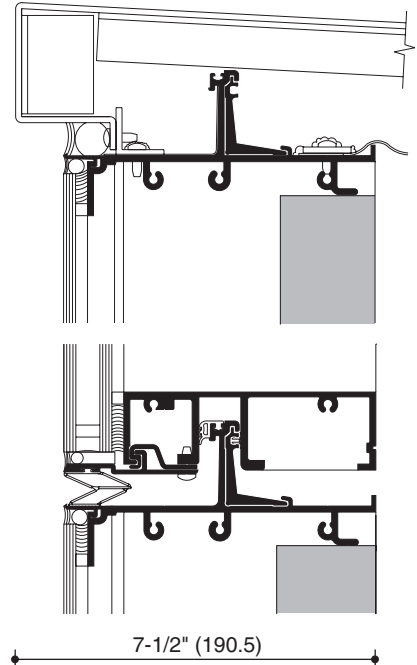
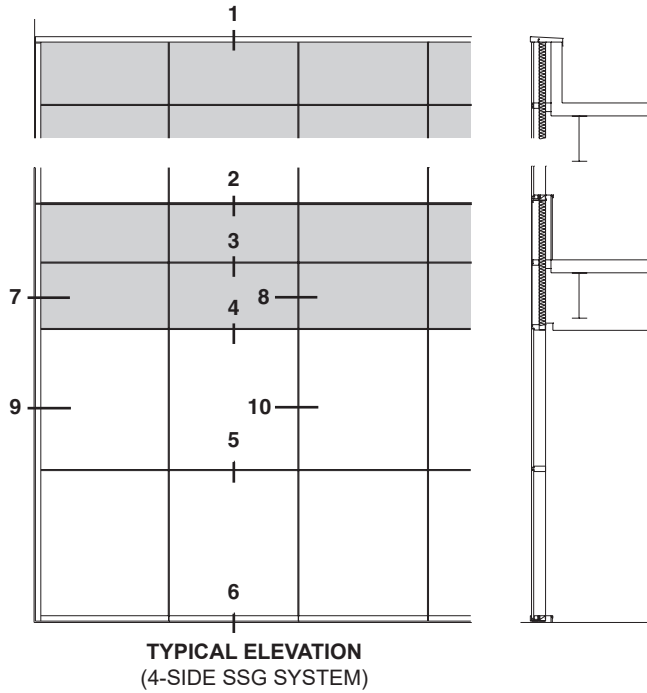
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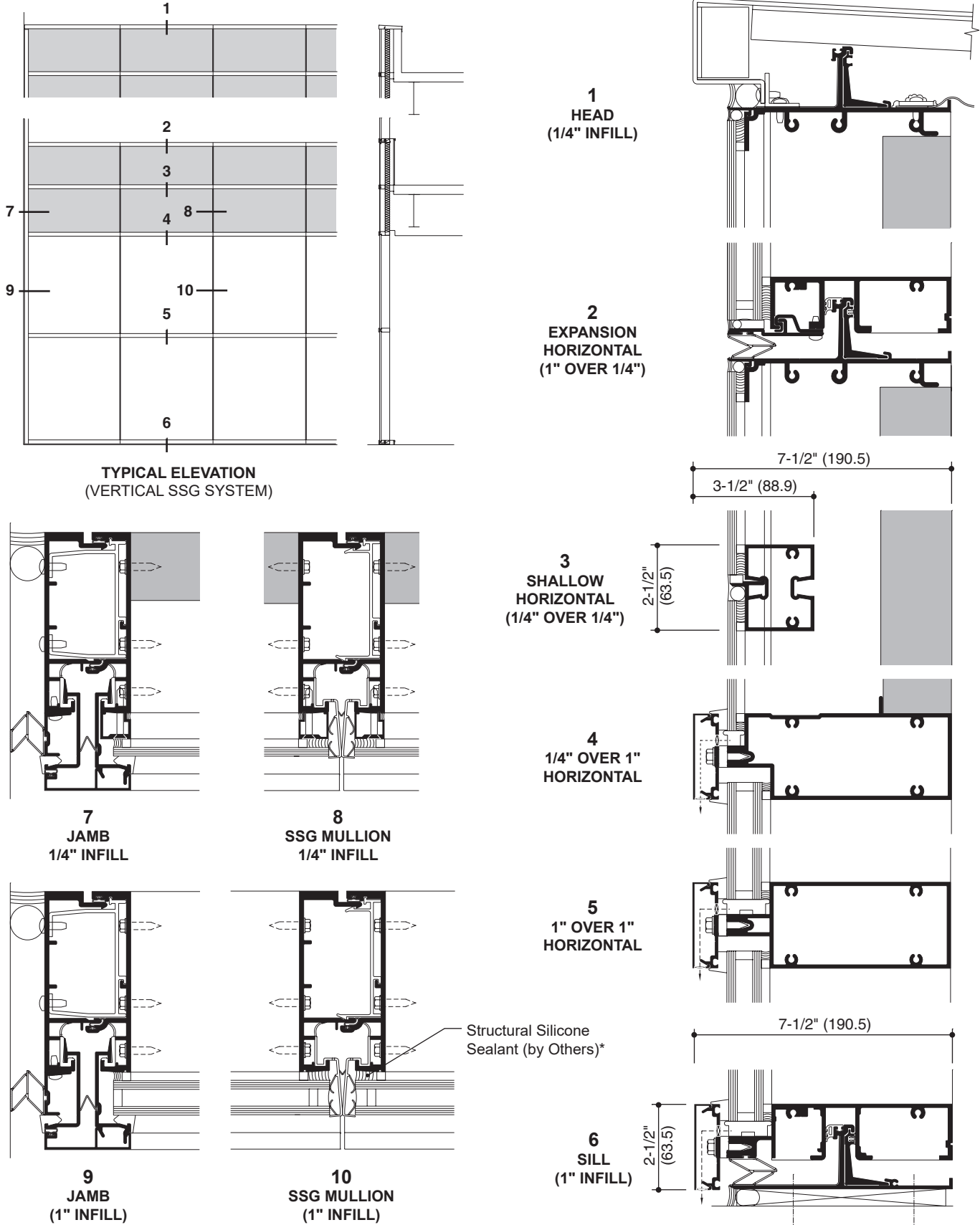
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Structural Silicone Sealant (by Others)*

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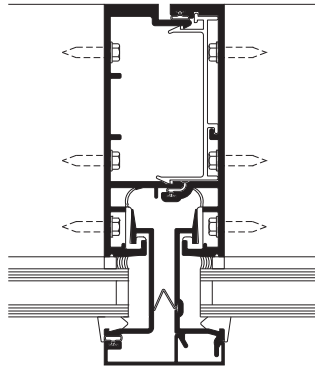
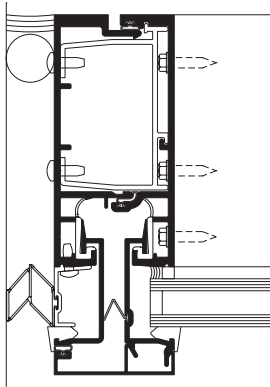
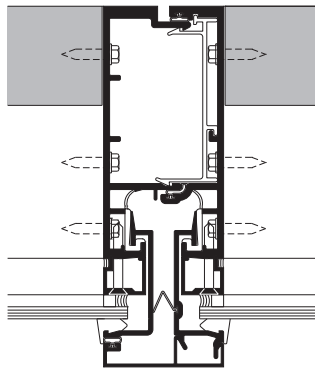
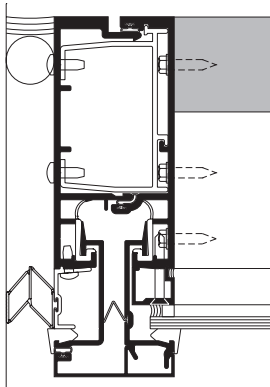
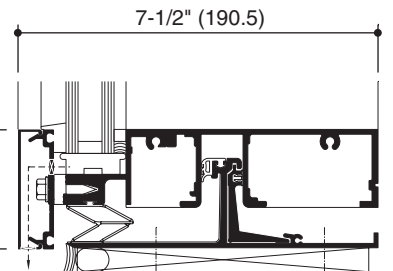
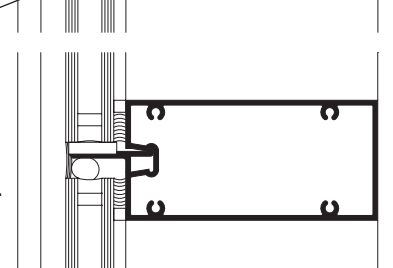
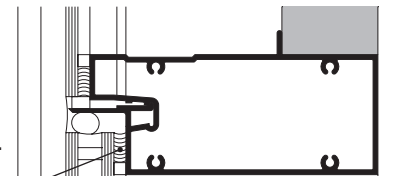
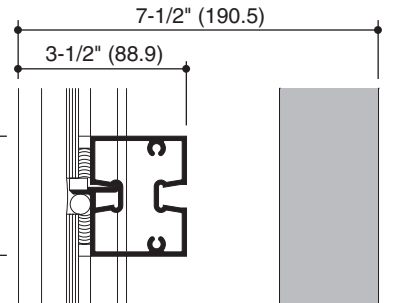
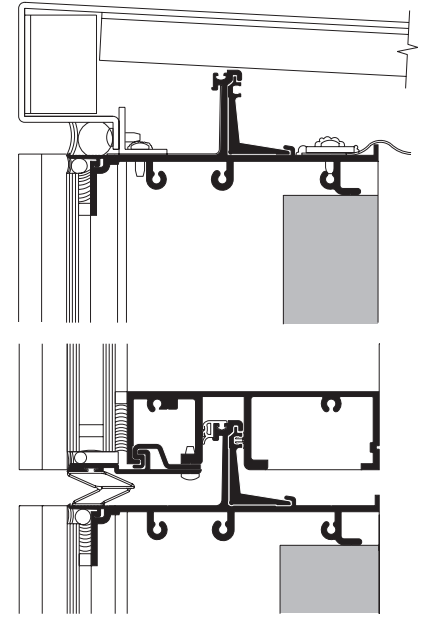
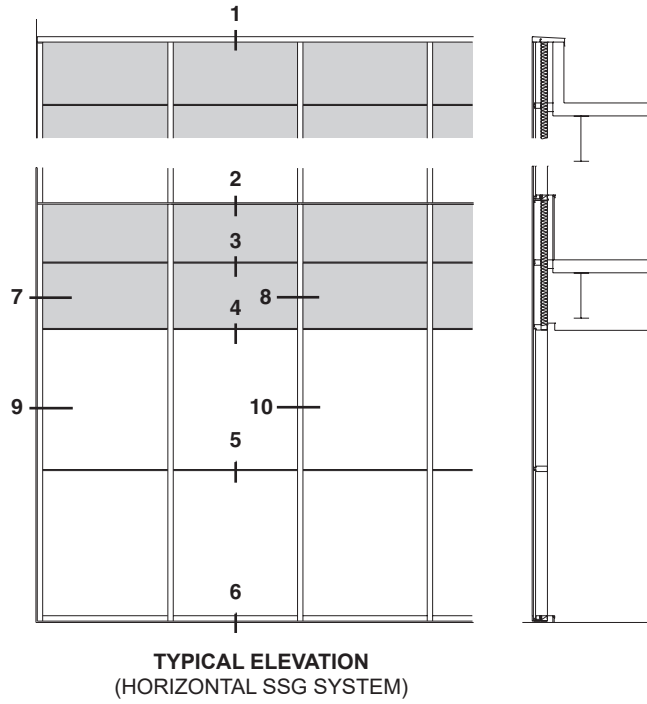
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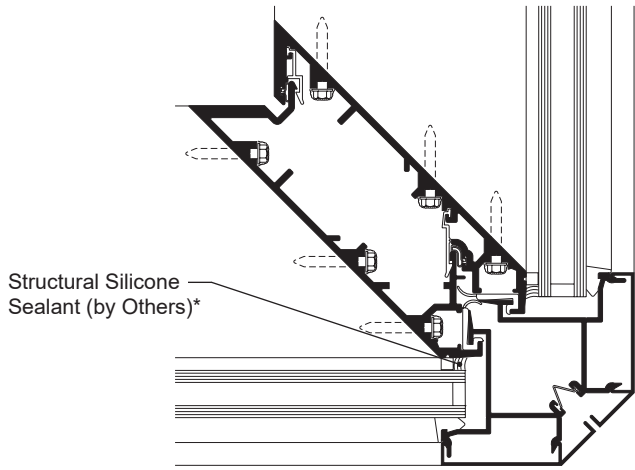
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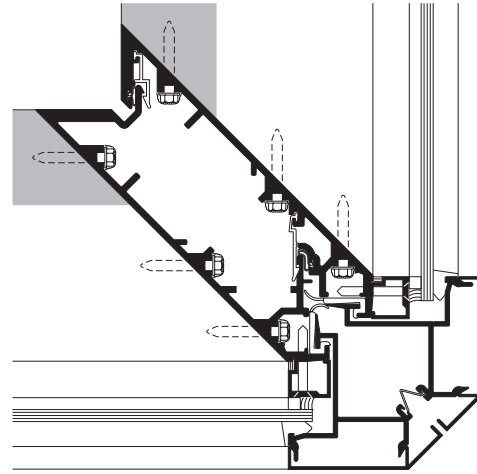
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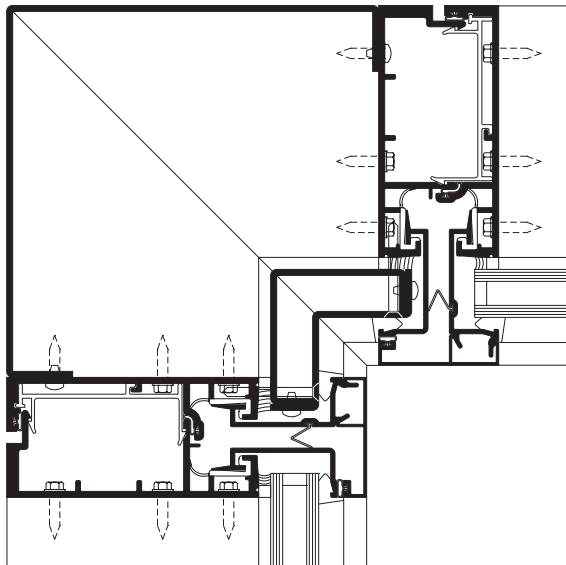
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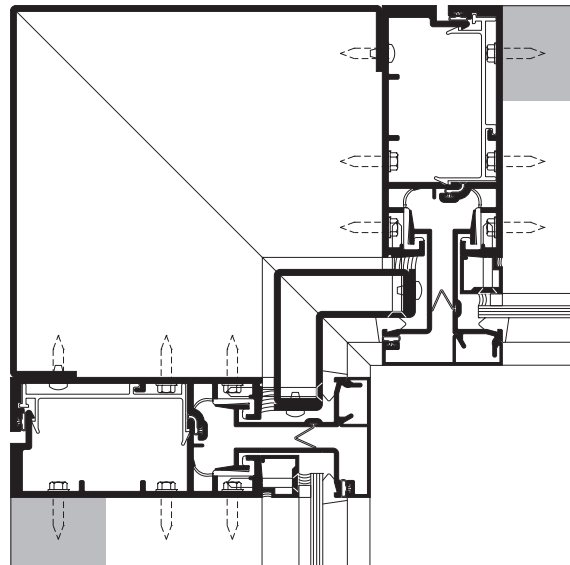
OUTSIDE CORNER
(1" Infill)



OUTSIDE CORNER
(1/4" Infill)



INSIDE CORNER
(1" Infill)



INSIDE CORNER
(1/4" Infill)

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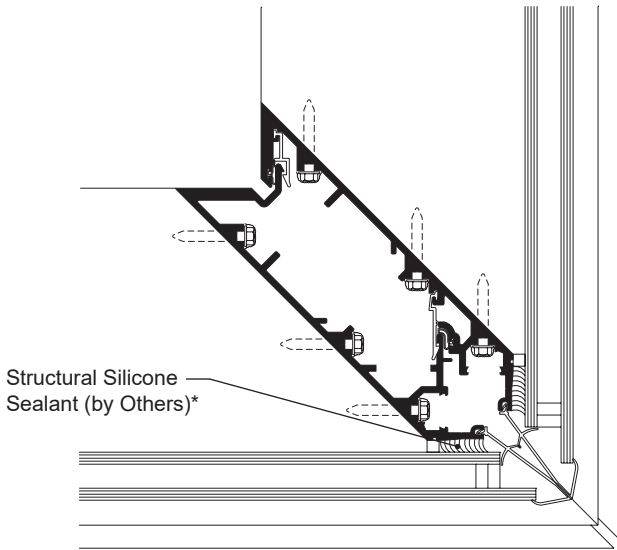
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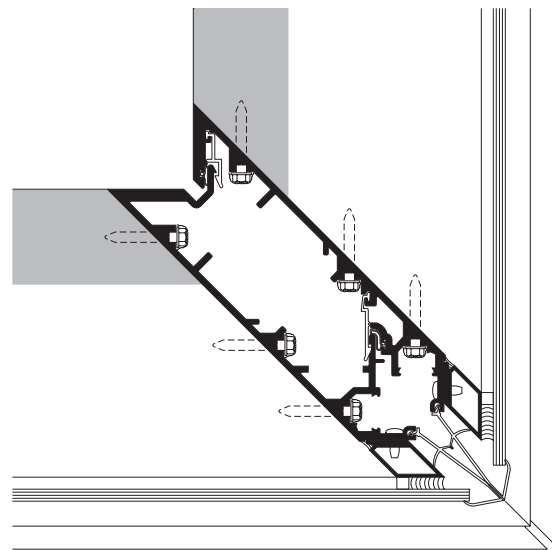
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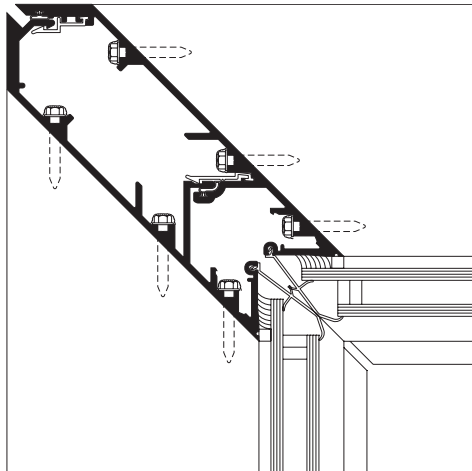
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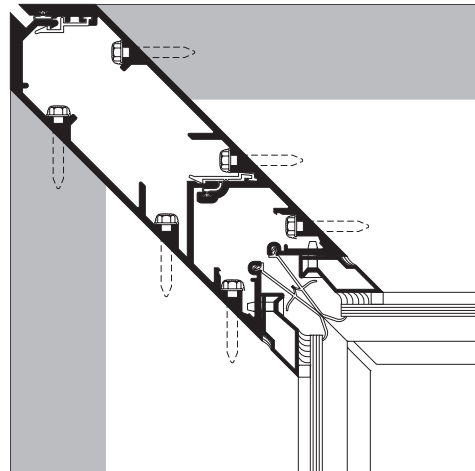
**OUTSIDE CORNER
(1" Infill)**



**OUTSIDE CORNER
(1/4" Infill)**



**INSIDE CORNER
(1" Infill)**

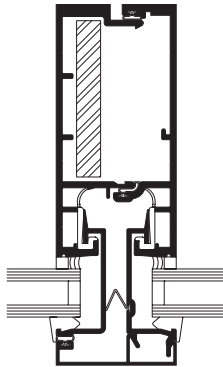


**INSIDE CORNER
(1/4" Infill)**

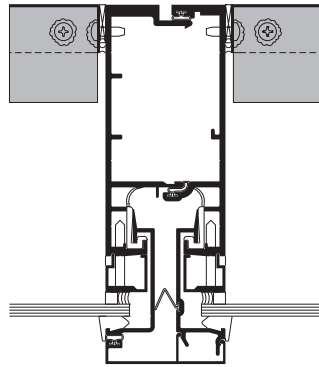
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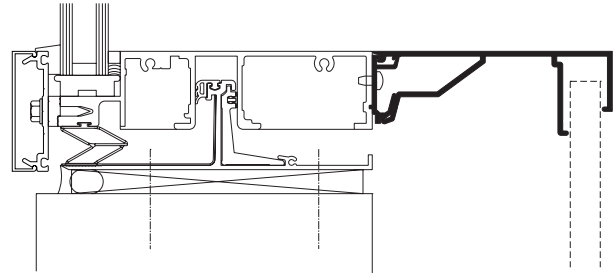
STEEL REINFORCING



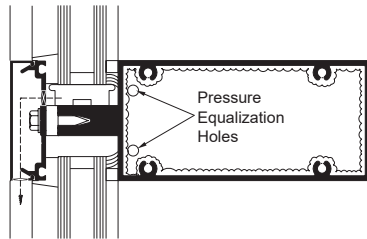
BACK PAN OPTION



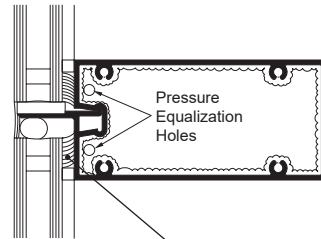
INTERIOR TRIM AT SILL (Head and Jamb similar)



PRESSURE EQUALIZATION ENHANCEMENT OPTION (Captured System)

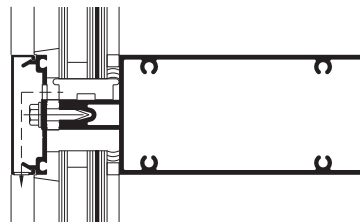
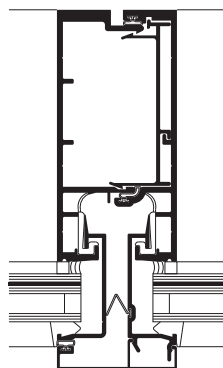


PRESSURE EQUALIZATION ENHANCEMENT OPTION (SSG System)



Structural Silicone Sealant (by Others)*

LARGE MISSILE IMPACT

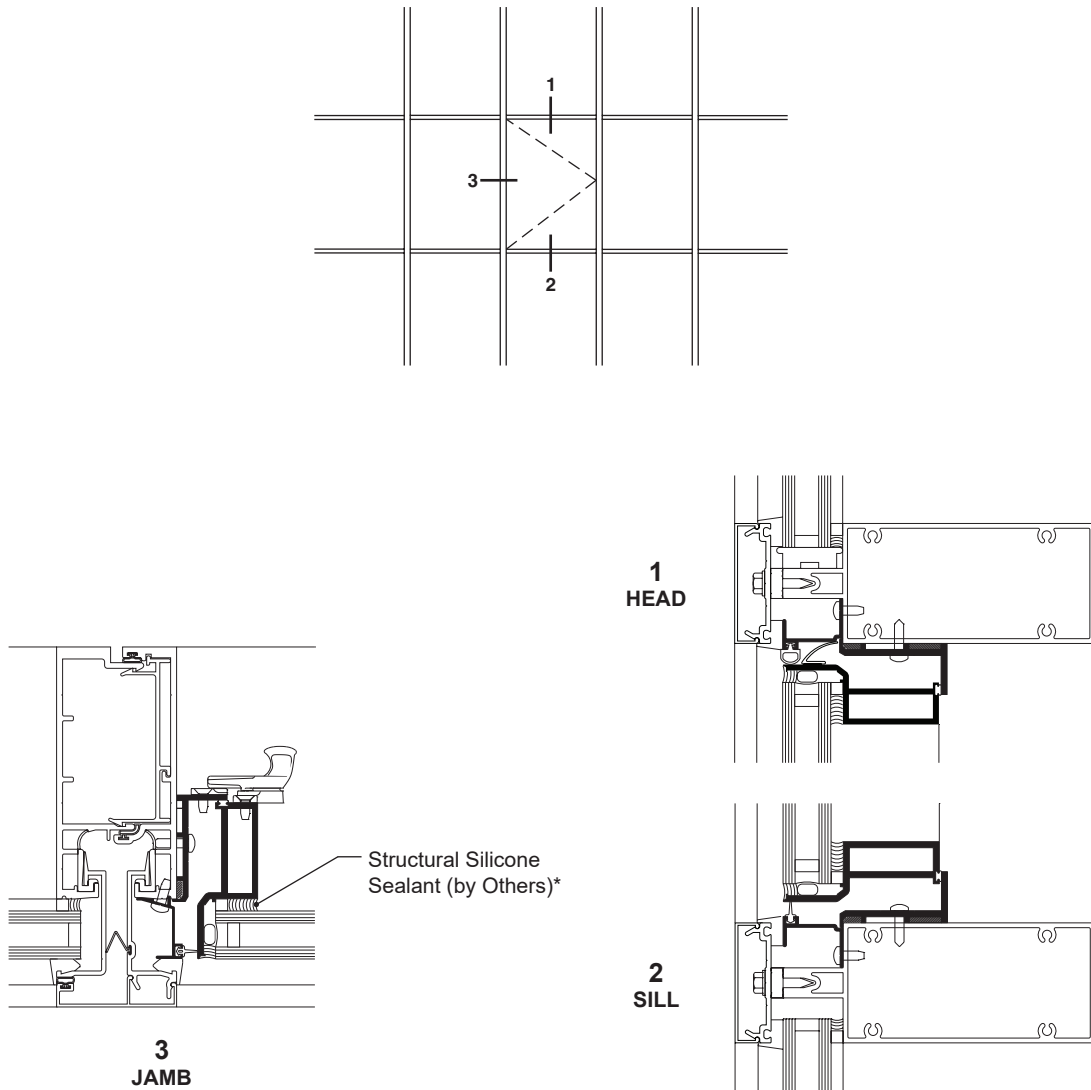


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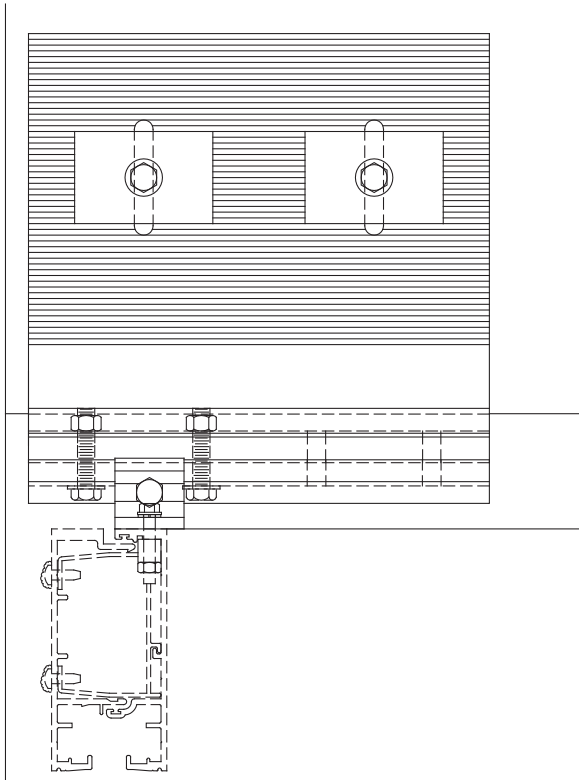
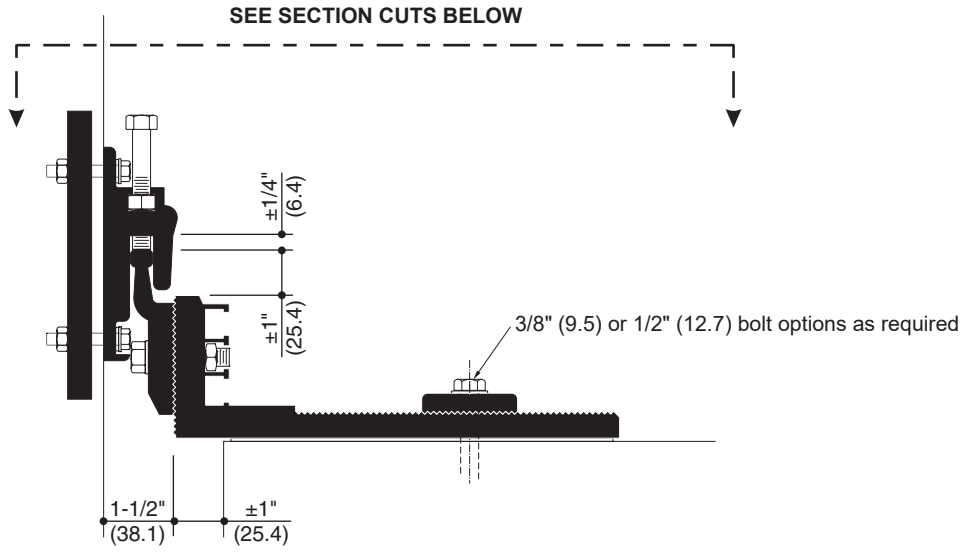
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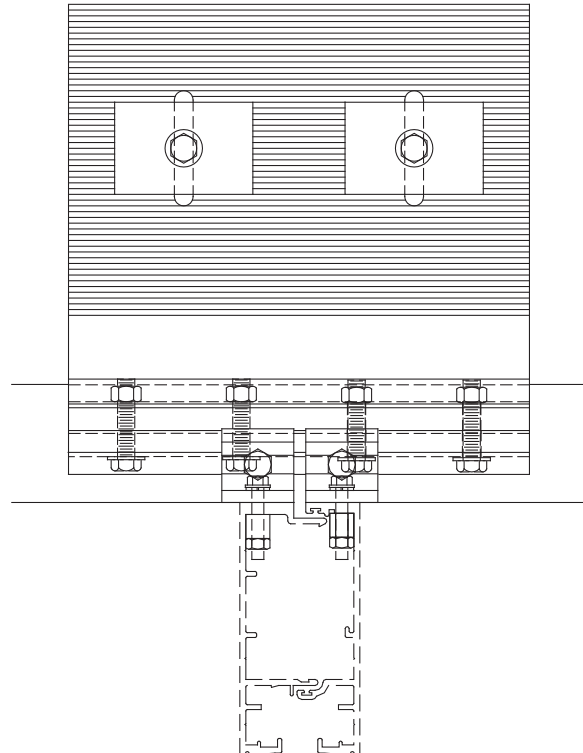
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ANCHOR AT JAMB



ANCHOR AT MULLION

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WIND LOAD CHARTS

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

DEADLOAD CHARTS

Horizontal or deadload limitations are based upon 1/8" (3.2), maximum allowable deflection at the center of an intermediate horizontal member. The accompanying charts are calculated for 1" (25.4) thick insulating glass or 1/4" (6.35) thick glass supported on two setting blocks placed at the loading points shown. Maximum allowable stress for aluminum is 15,152 PSI (104 MPa).

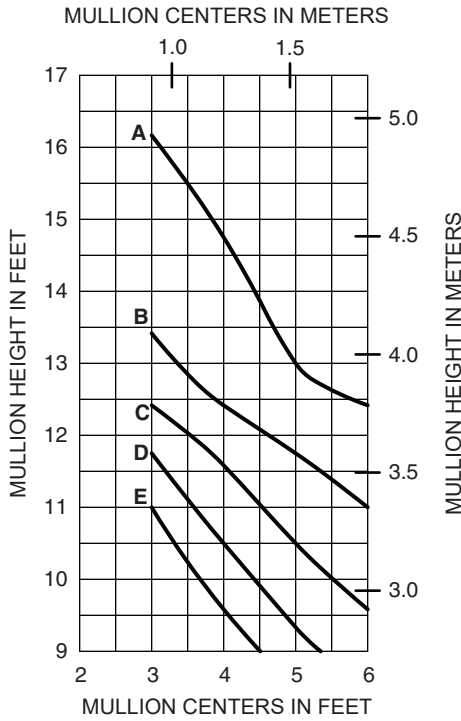
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When mullion is used in a SSG application, curves become straight due to structural silicone limits, represented by dashed lines on chart. *Charts are for typical spans, not beginning or ending spans. C/L of stack horizontal to be at noted stool height above C/L of anchor.

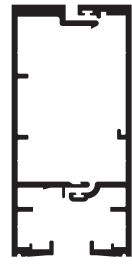
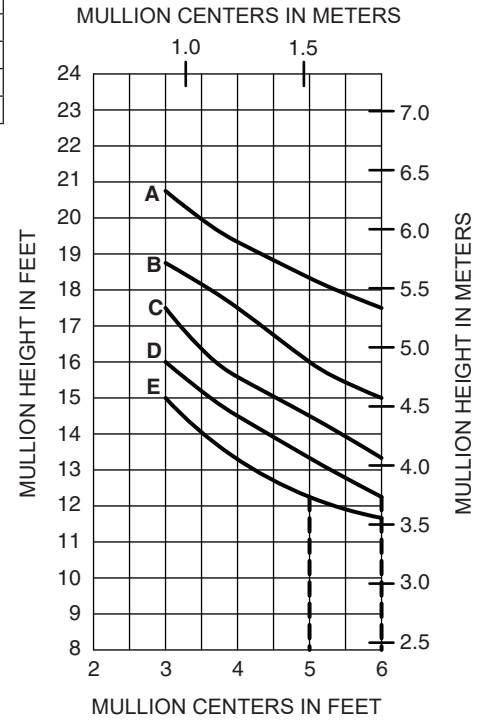
----- SSG Structural Silicone Limit - Silicone joint contact is .625".

SINGLE SPAN



	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 =	50 PSF (2400)	83 PSF (4000)
E =	60 PSF (2880)	100 PSF (4790)

*MULTI-SPAN 24" STOOL HEIGHT

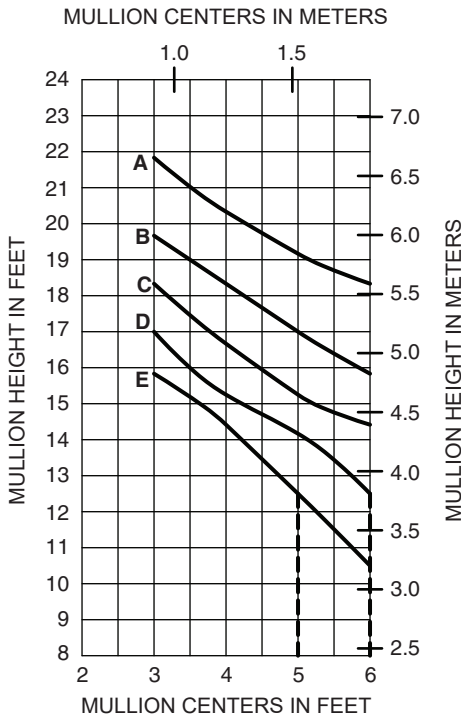


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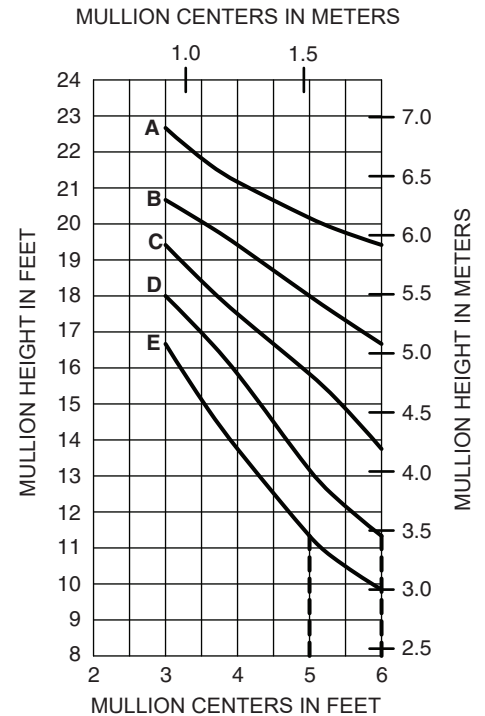
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$I = 8.797 (366.16 \times 10^4)$
 $S = 3.120 (51.13 \times 10^3)$

*MULTI-SPAN 30" STOOL HEIGHT



*MULTI-SPAN 36" STOOL HEIGHT



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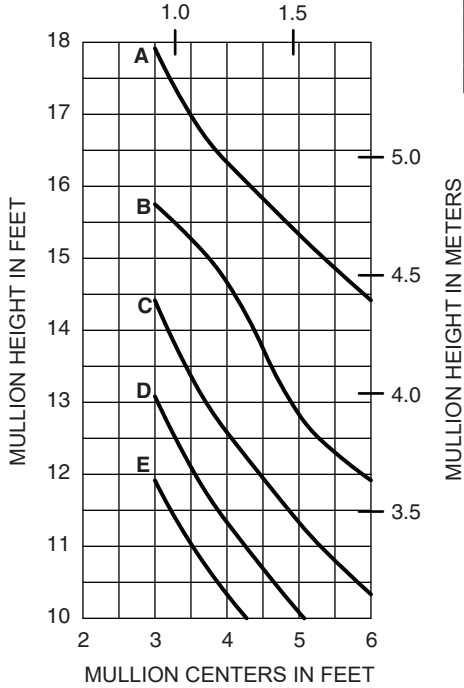
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When mullion is used in a SSG application, curves become straight due to structural silicone limits, represented by dashed lines on chart. *Charts are for typical spans, not beginning or ending spans. C/L of stack horizontal to be at noted stool height above C/L of anchor.

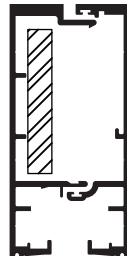
- Steel bar running from 6" above sill stack to 6" below anchor.
- - - - - 1/2" steel bar as shown running from 6" above stack to 6" below stack above (Unit height - 12").
- - - - - SSG Structural Silicone Limit - Silicone joint contact is .625".

SINGLE SPAN with 1/2" x 3" Steel Bar

MULLION CENTERS IN METERS



	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 =	50 PSF (2400)	83 PSF (4000)
E =	60 PSF (2880)	100 PSF (4790)



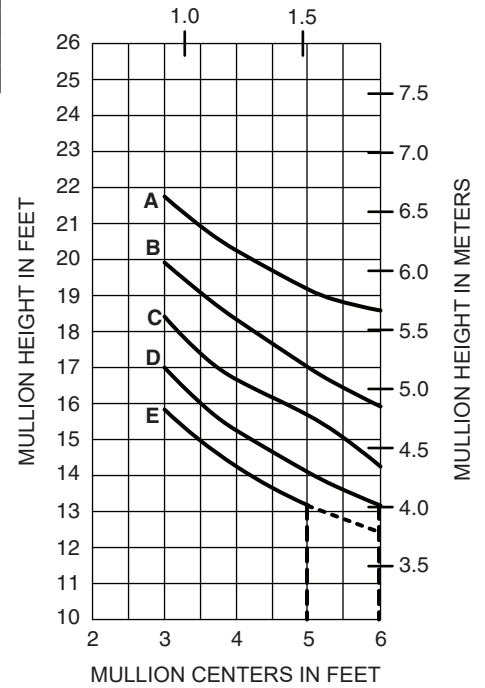
425001 425002

WITH 1/2" X 3" STEEL BAR

(Aluminum)
 $I = 8.797 (366.16 \times 10^4)$
 $S = 3.120 (51.13 \times 10^3)$
 (Steel)
 $I = 3.263 (135.82 \times 10^4)$
 $S = 0.750 (12.29 \times 10^3)$

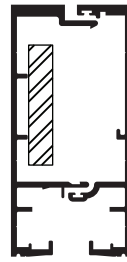
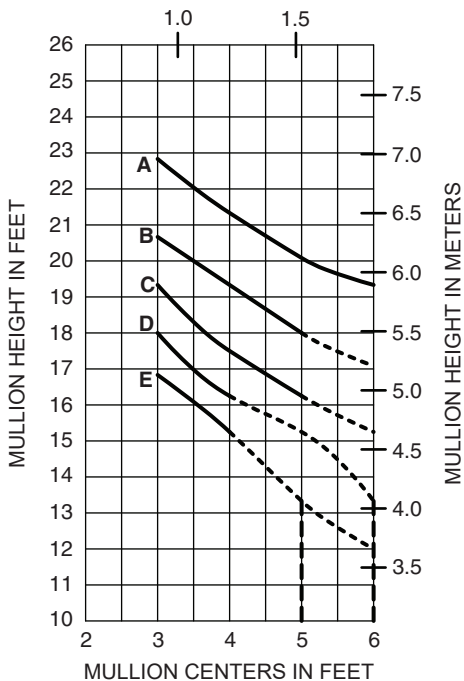
*MULTI-SPAN 24" STOOL HEIGHT with 1/2" x 2-1/2" Steel Bar

MULLION CENTERS IN METERS



*MULTI-SPAN 30" STOOL HEIGHT with 1/2" x 2-1/2" Steel Bar

MULLION CENTERS IN METERS



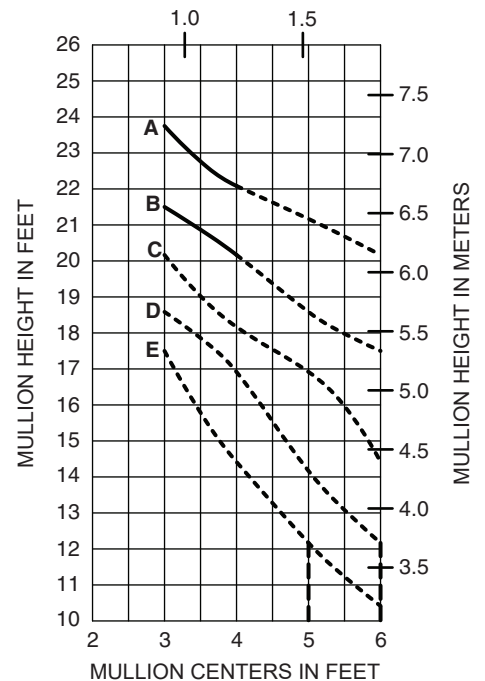
425001 425002

WITH 1/2" X 2-1/2" STEEL BAR

(Aluminum)
 $I = 8.797 (366.16 \times 10^4)$
 $S = 3.120 (51.13 \times 10^3)$
 (Steel)
 $I = 1.888 (78.58 \times 10^4)$
 $S = 0.521 (8.54 \times 10^3)$

*MULTI-SPAN 36" STOOL HEIGHT with 1/2" x 2-1/2" Steel Bar

MULLION CENTERS IN METERS



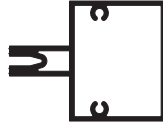
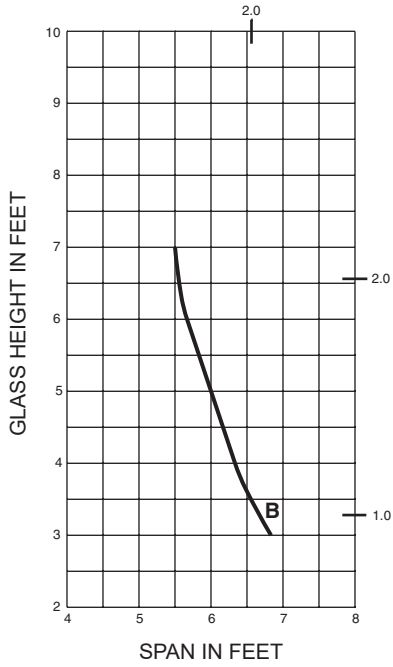
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A = 1/4" GLASS (1/4 POINT LOADING)
 B = 1" GLASS (1/4 POINT LOADING)

425005

SPAN IN METERS



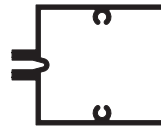
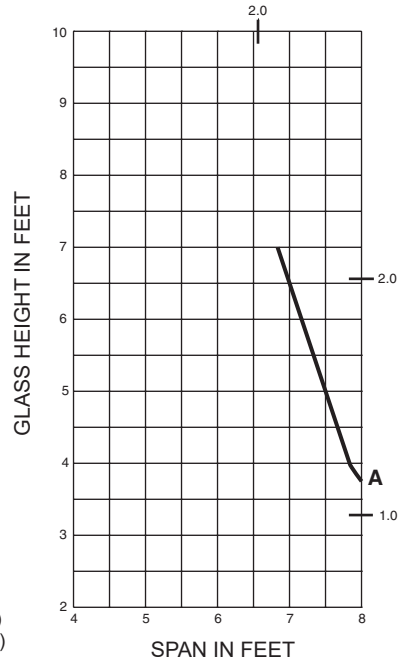
425005

I = 0.885 (36.84 x 10⁴)
 S = 0.708 (11.60 x 10³)

GLASS HEIGHT IN METERS

425006

SPAN IN METERS



425006

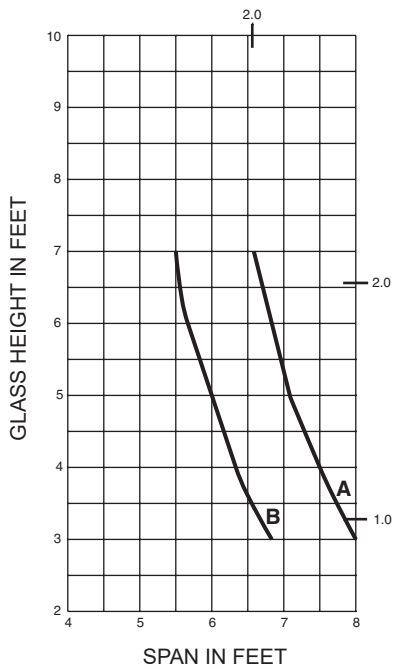
I = 1.059 (44.08 x 10⁴)
 S = 0.847 (13.88 x 10³)

GLASS HEIGHT IN FEET

GLASS HEIGHT IN METERS

425007

SPAN IN METERS



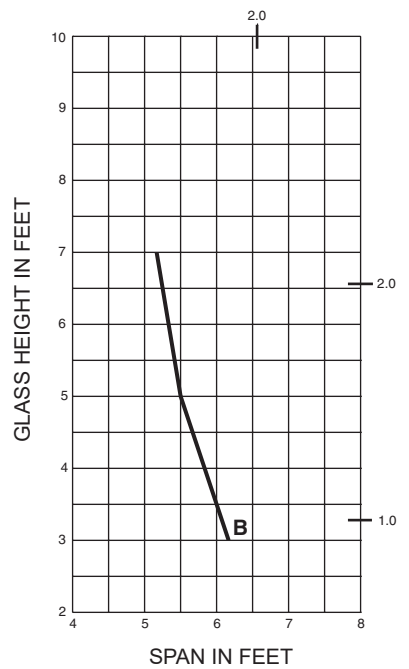
425007

I = 0.868 (36.13 x 10⁴)
 S = 0.695 (11.39 x 10³)

GLASS HEIGHT IN METERS

425008

SPAN IN METERS



425008

I = 0.656 (27.30 x 10⁴)
 S = 0.702 (11.50 x 10³)

GLASS HEIGHT IN FEET

GLASS HEIGHT IN METERS

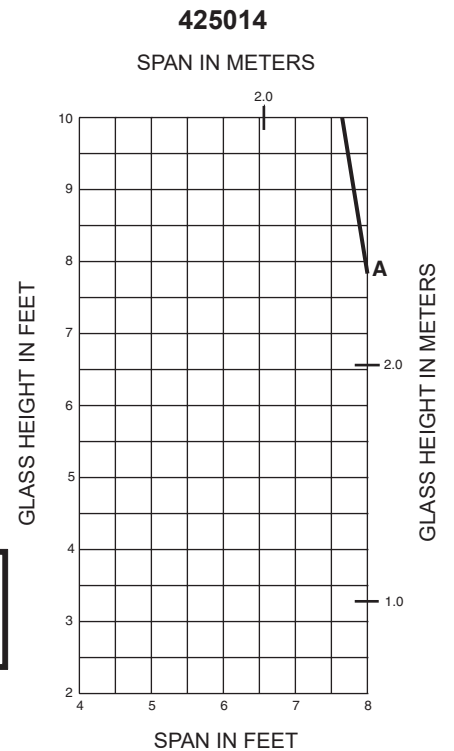
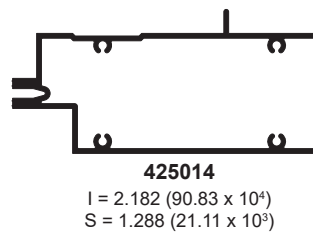
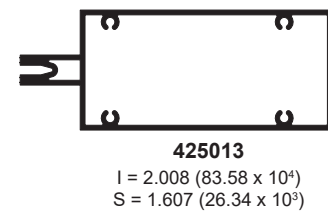
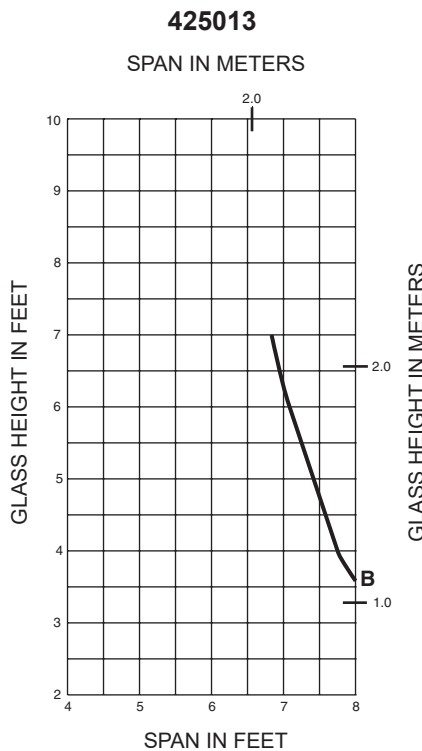
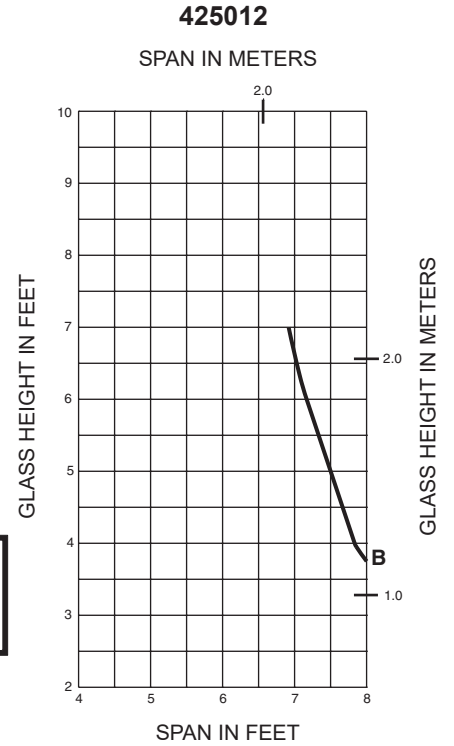
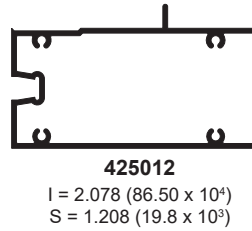
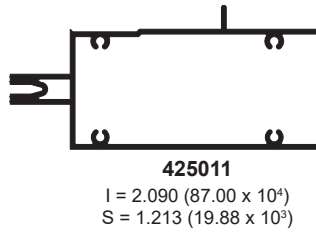
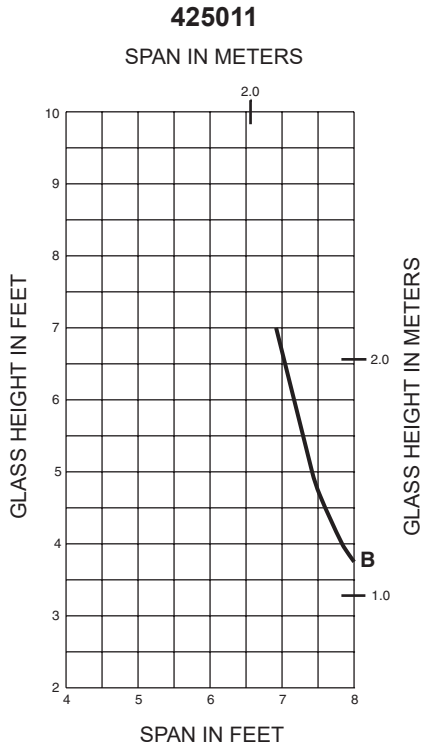
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A = 1/4" GLASS (1/4 POINT LOADING)
 B = 1" GLASS (1/4 POINT LOADING)

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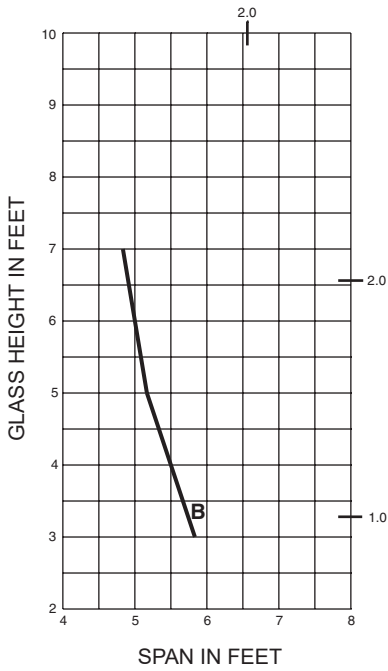
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A = 1/4" GLASS (1/4 POINT LOADING)
 B = 1" GLASS (1/4 POINT LOADING)

425024

SPAN IN METERS



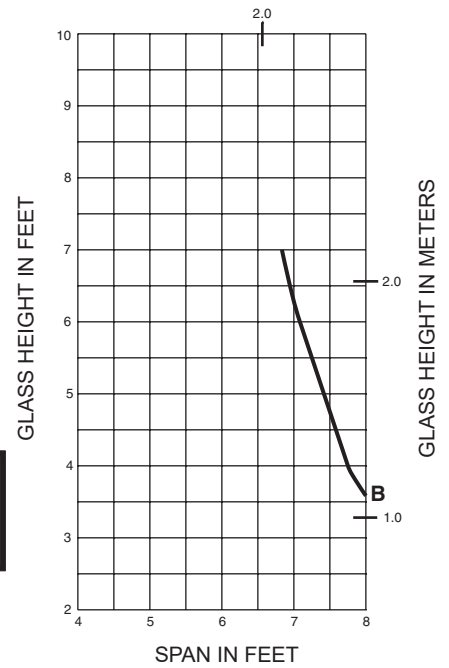
425024
 $I = 0.508 (21.15 \times 10^4)$
 $S = 0.480 (7.87 \times 10^3)$



425027
 $I = 1.977 (83.08 \times 10^4)$
 $S = 1.597 (26.17 \times 10^3)$

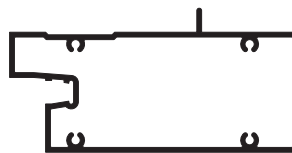
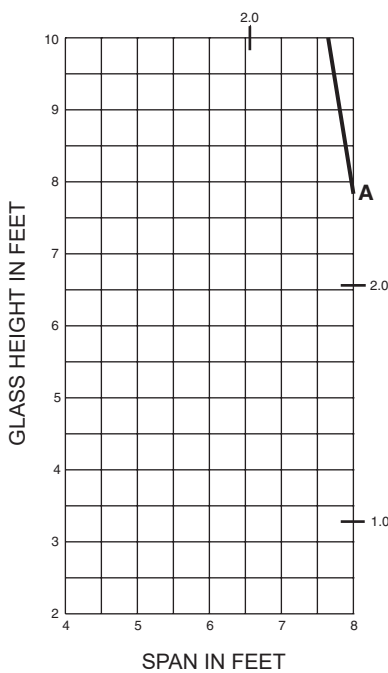
425027

SPAN IN METERS



425030

SPAN IN METERS

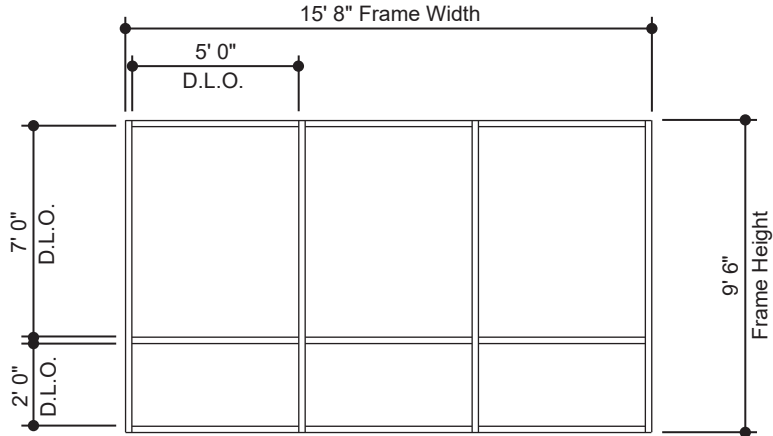


425030
 $I = 2.179 (90.70 \times 10^4)$
 $S = 1.307 (21.42 \times 10^3)$

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



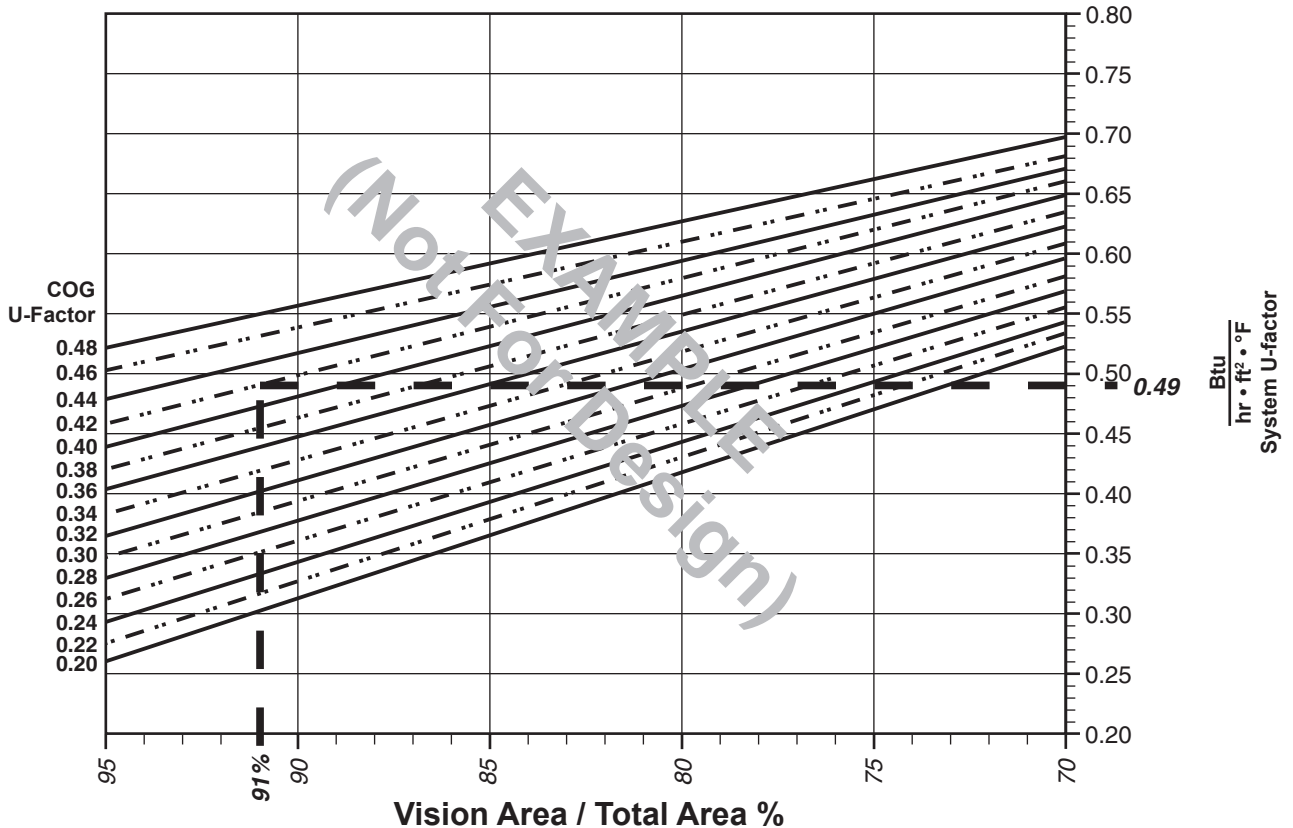
Example Glass U-Factor = 0.42 Btu/hr • ft² • °F

Total Daylight Opening = 3(5' x 7') + 3(5' x 2') = 135 ft²

Total Projected Area = 15' 8" x 9' 6" = 148.83 ft²

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

System U-Factor vs Percent of Glass Area



Based on 91% glass and center of glass U-Factor of 0.42
 System U-Factor is equal to 0.49 Btu/hr • ft² • °F

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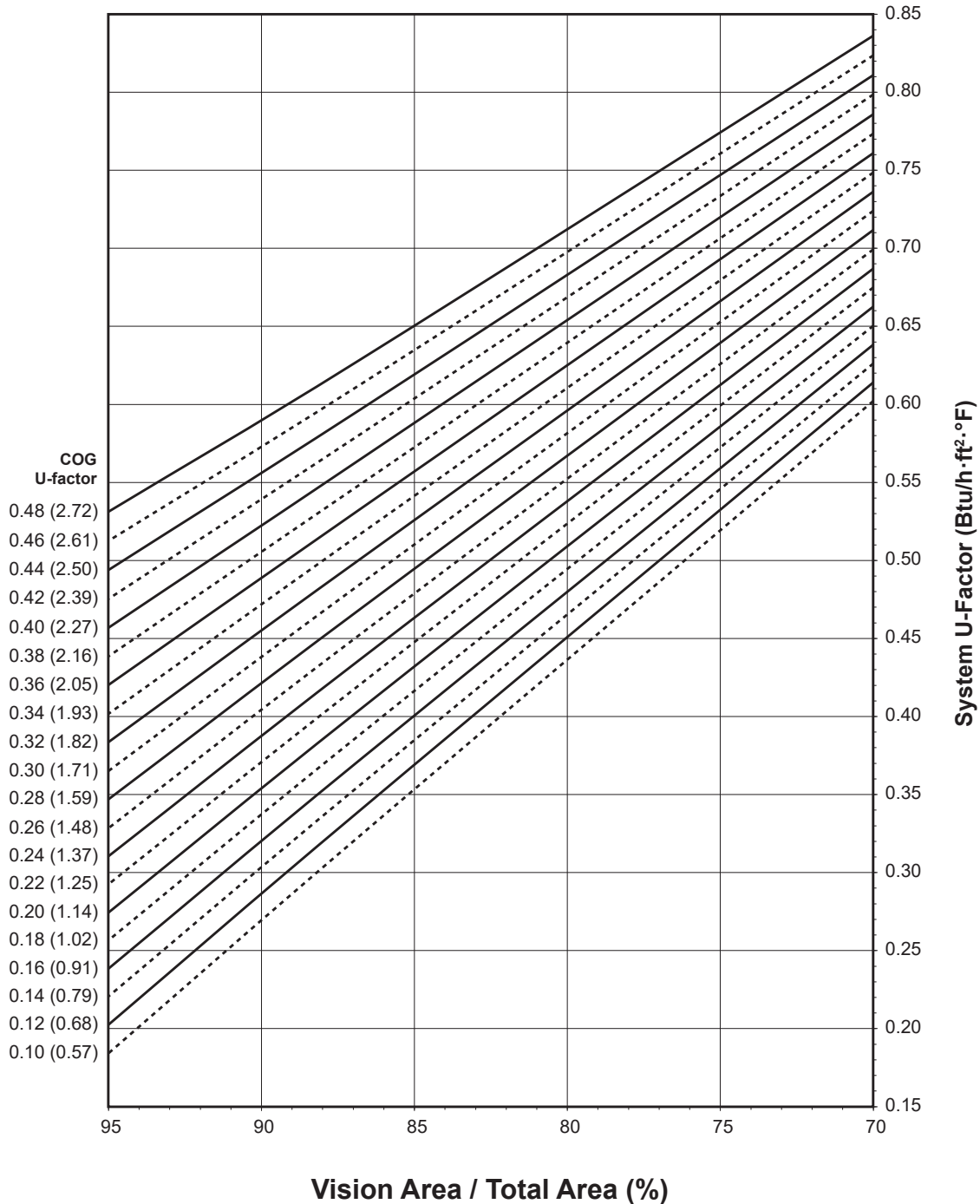
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4 Side Captured
1" Double Glazed - Warm-Edge Glazing Spacer

Note:

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

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.

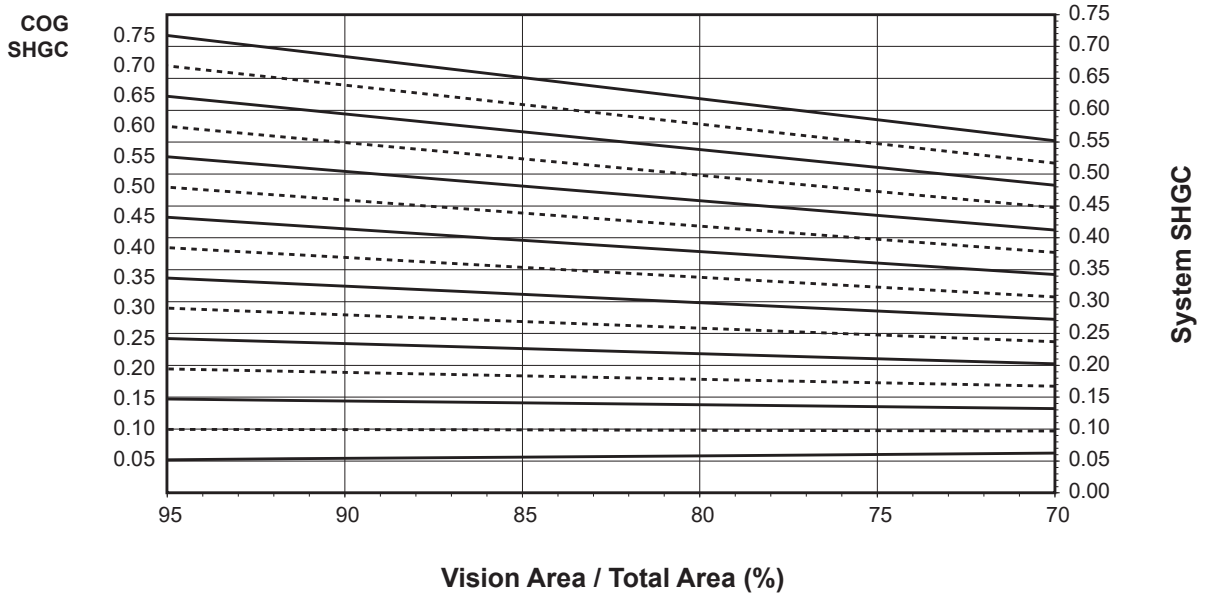
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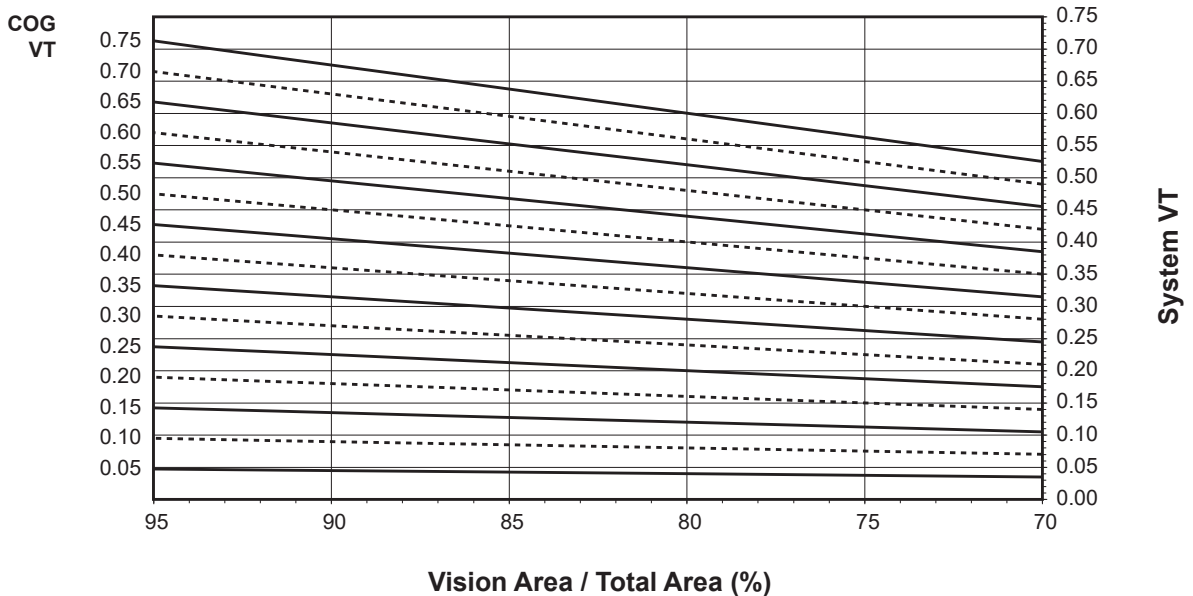
4 Side Captured
1" Double Glazed - Warm-Edge Glazing Spacer

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



Charts are generated per AAMA 507

System Visible Transmittance (VT) vs Percent of Vision Area



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Thermal Transmittance ¹ (BTU/hr • ft² • °F)

Glass U-Factor ³	Overall U-Factor ⁴
0.48	0.63
0.46	0.61
0.44	0.60
0.42	0.58
0.40	0.57
0.38	0.55
0.36	0.53
0.34	0.52
0.32	0.50
0.30	0.49
0.28	0.47
0.26	0.45
0.24	0.44
0.22	0.42
0.20	0.41
0.18	0.39
0.16	0.37
0.14	0.36
0.12	0.34
0.10	0.32

**4 Side Captured
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	0.66
0.70	0.62
0.65	0.58
0.60	0.53
0.55	0.49
0.50	0.45
0.45	0.40
0.40	0.36
0.35	0.32
0.30	0.27
0.25	0.23
0.20	0.19
0.15	0.14
0.10	0.10
0.05	0.06

Visible Transmittance ²

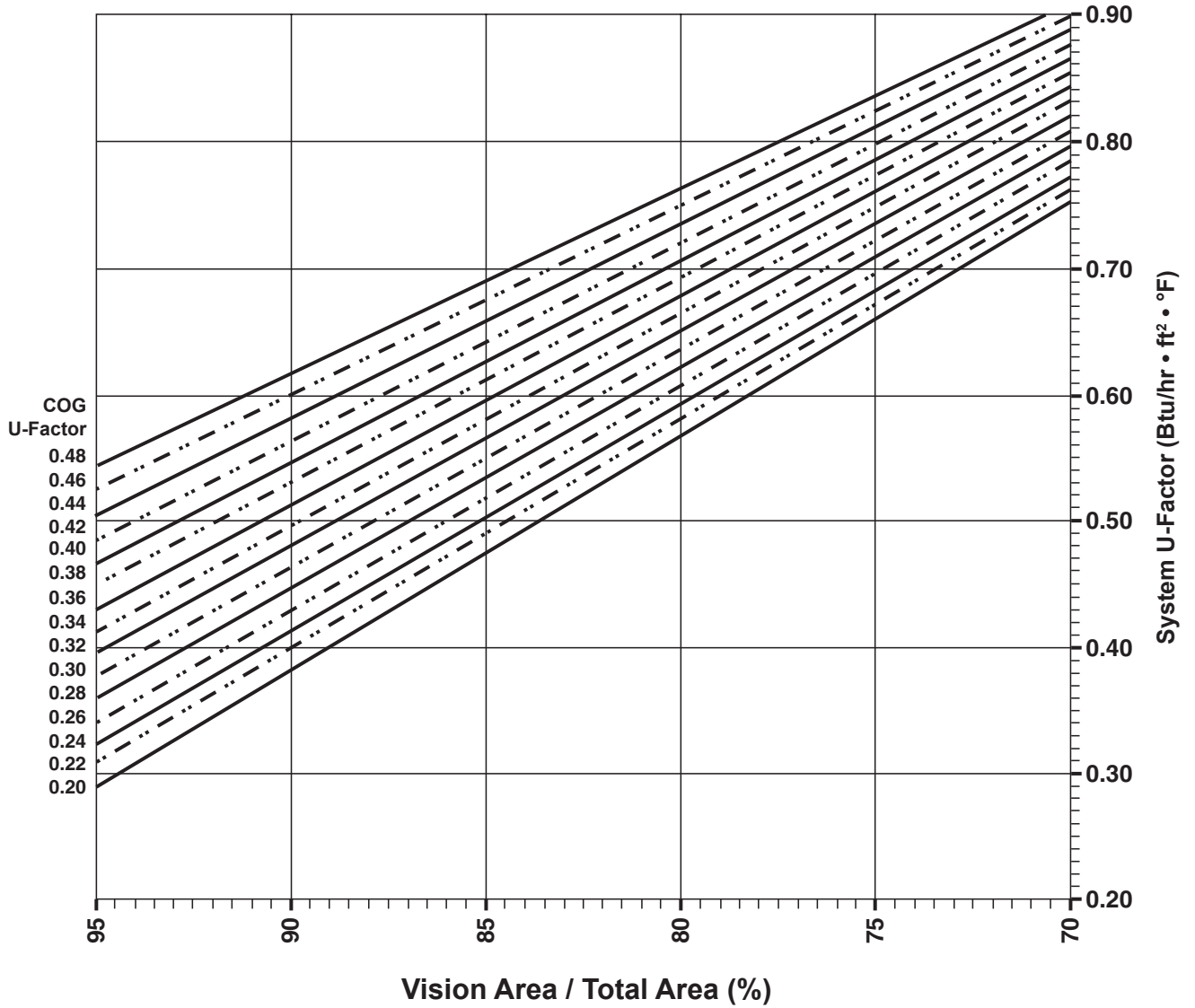
Glass VT ³	Overall VT ⁴
0.75	0.65
0.70	0.61
0.65	0.56
0.60	0.52
0.55	0.48
0.50	0.43
0.45	0.39
0.40	0.35
0.35	0.30
0.30	0.26
0.25	0.22
0.20	0.17
0.15	0.13
0.10	0.09
0.05	0.04

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

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4 Side Captured
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.

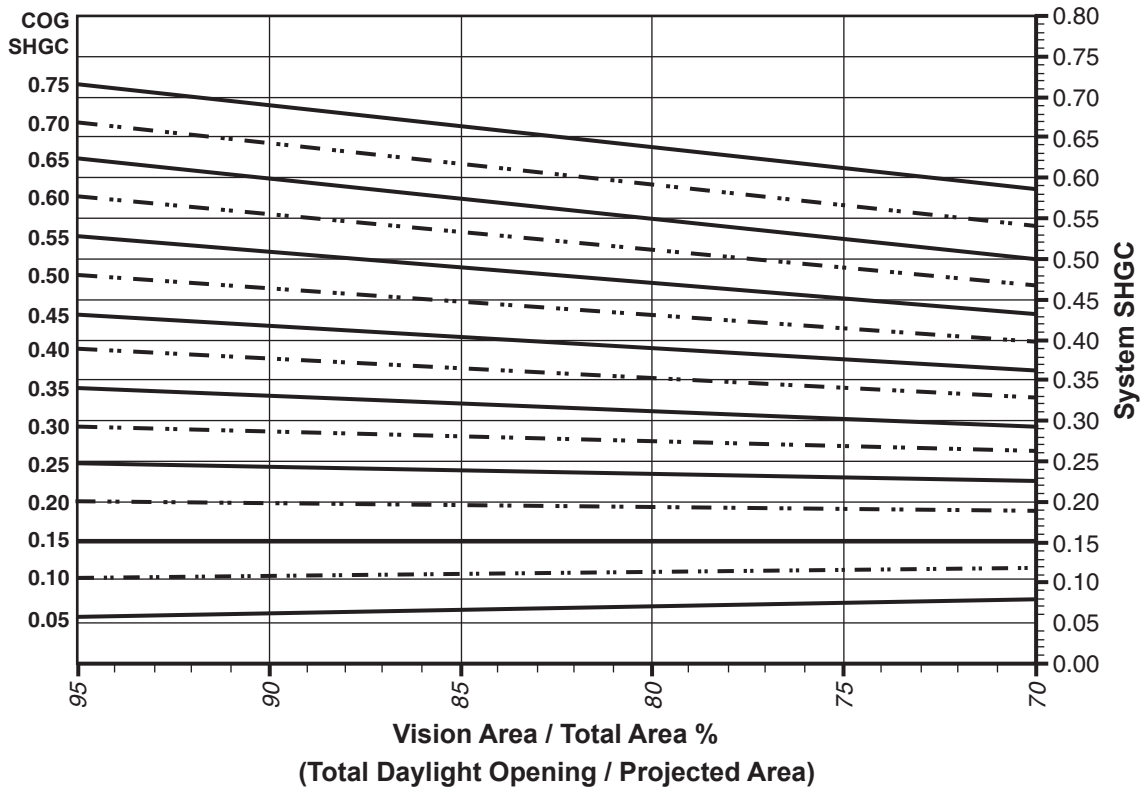
Glass properties are based on center of glass values and are obtained from your glass supplier.

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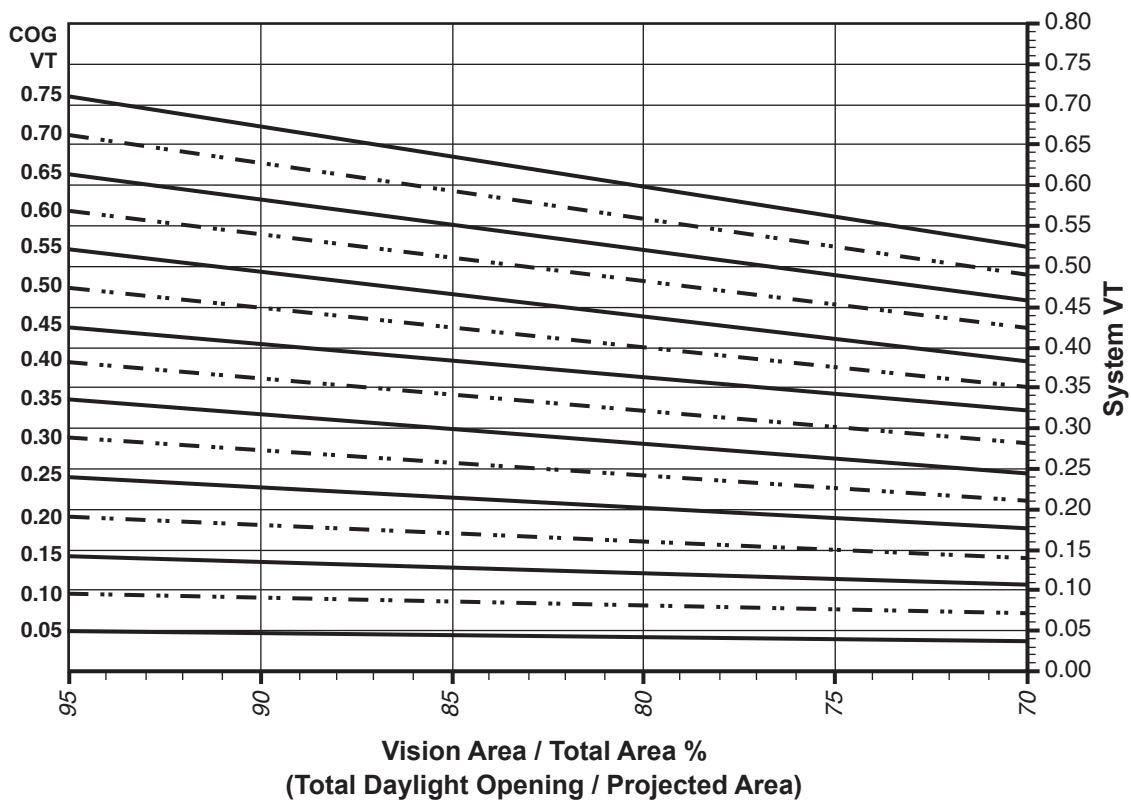
**4 Side Captured
1" Double Glazed - Aluminum Glazing Spacer**

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



Charts are generated per AAMA 507

Visible Transmittance (VT) vs Percent of Vision Area



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

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

Glass U-Factor ³	Overall U-Factor ⁴
0.48	0.65
0.46	0.63
0.44	0.62
0.42	0.60
0.40	0.59
0.38	0.57
0.36	0.55
0.34	0.54
0.32	0.52
0.30	0.51
0.28	0.49
0.26	0.48
0.24	0.46
0.22	0.44
0.20	0.43

**4 Side Captured
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 Matrices are based on the standard NFRC specimen size of 2,000 mm wide by 2,000 mm high (78-3/4" by 78-3/4").

SHGC Matrix 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	0.19
0.15	0.15
0.10	0.11
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

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

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**4 Side SSG
1" Double Glazed - Warm-Edge Glazing Spacer**

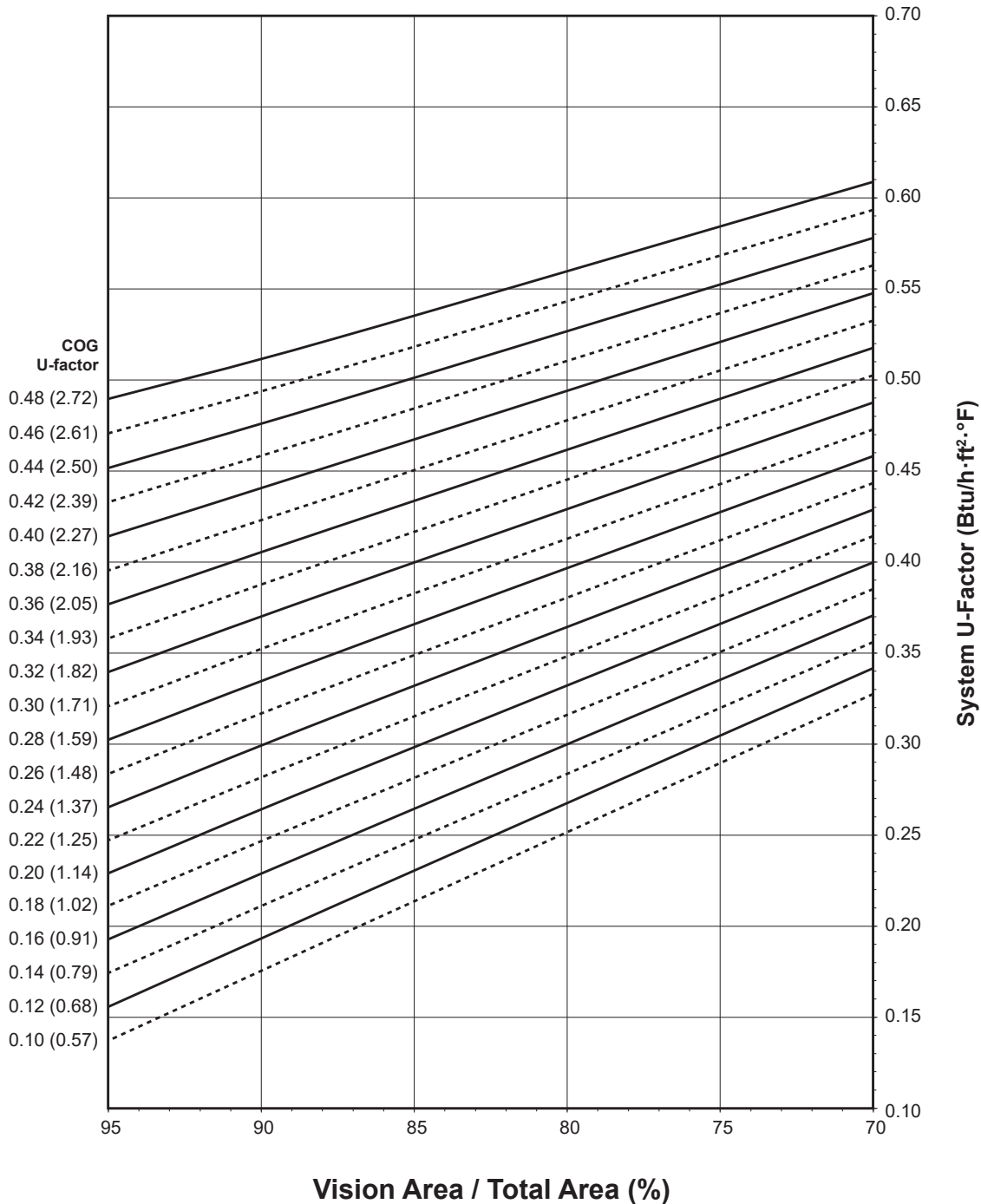
Note:

Values in parentheses are metric.

COG = Center of Glass.

Charts are generated per AAMA 507

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.

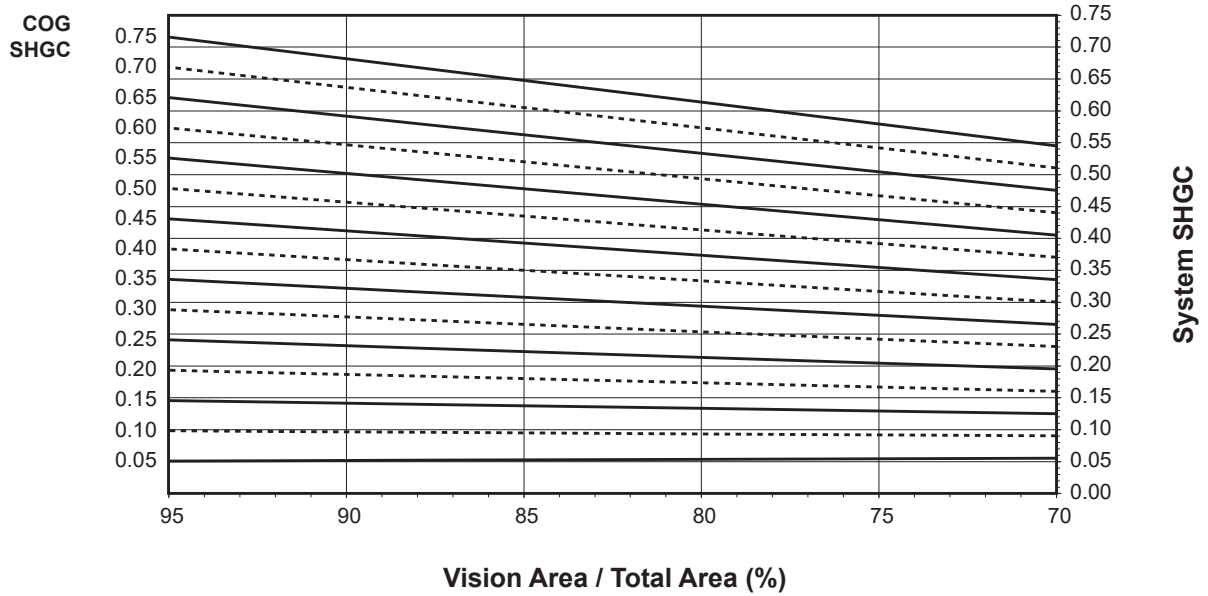
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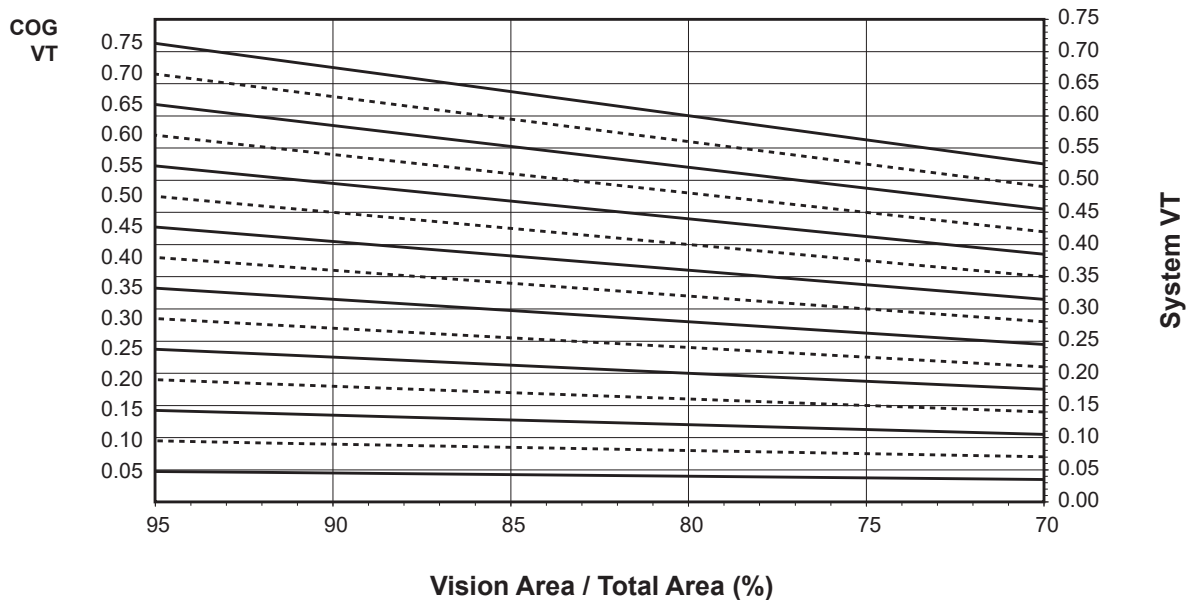
4 Side SSG
1" Double Glazed - Warm-Edge Glazing Spacer

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



Charts are generated per AAMA 507

System Visible Transmittance (VT) vs Percent of Vision Area



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Thermal Transmittance ¹ (BTU/hr • ft² • °F)

Glass U-Factor ³	Overall U-Factor ⁴
0.48	0.52
0.46	0.50
0.44	0.49
0.42	0.47
0.40	0.45
0.38	0.44
0.36	0.42
0.34	0.40
0.32	0.38
0.30	0.37
0.28	0.35
0.26	0.33
0.24	0.31
0.22	0.30
0.20	0.28
0.18	0.26
0.16	0.25
0.14	0.23
0.12	0.21
0.10	0.19

4 Side SSG 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	0.62
0.65	0.58
0.60	0.53
0.55	0.49
0.50	0.45
0.45	0.40
0.40	0.36
0.35	0.32
0.30	0.27
0.25	0.23
0.20	0.18
0.15	0.14
0.10	0.10
0.05	0.05

Visible Transmittance 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

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

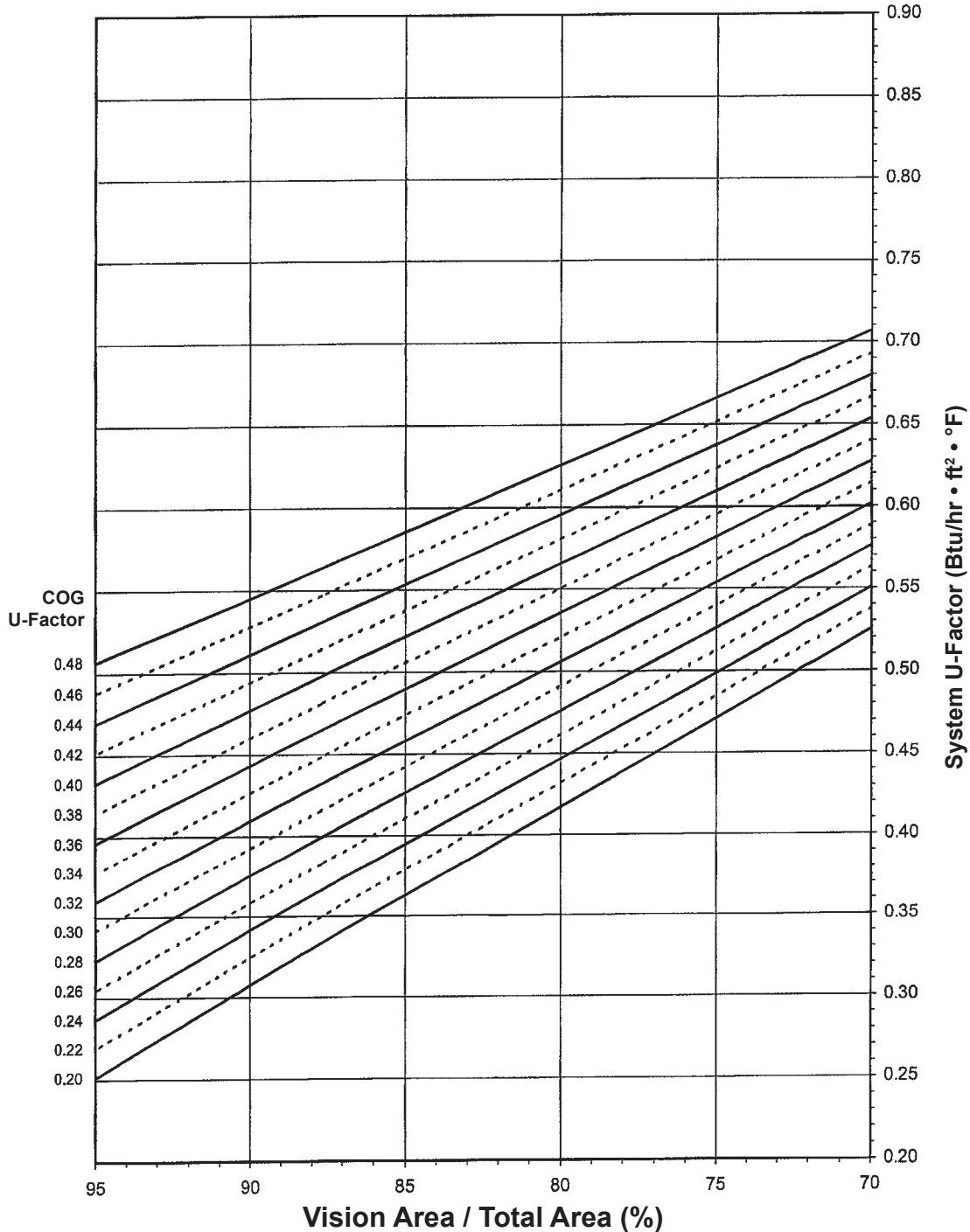
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**4 Side SSG
1" Double Glazed - Aluminum Glazing Spacer**

Note:

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

System U-Factor vs Percent of Glass Area



Notes for System U-factor, SHGC and VT charts:

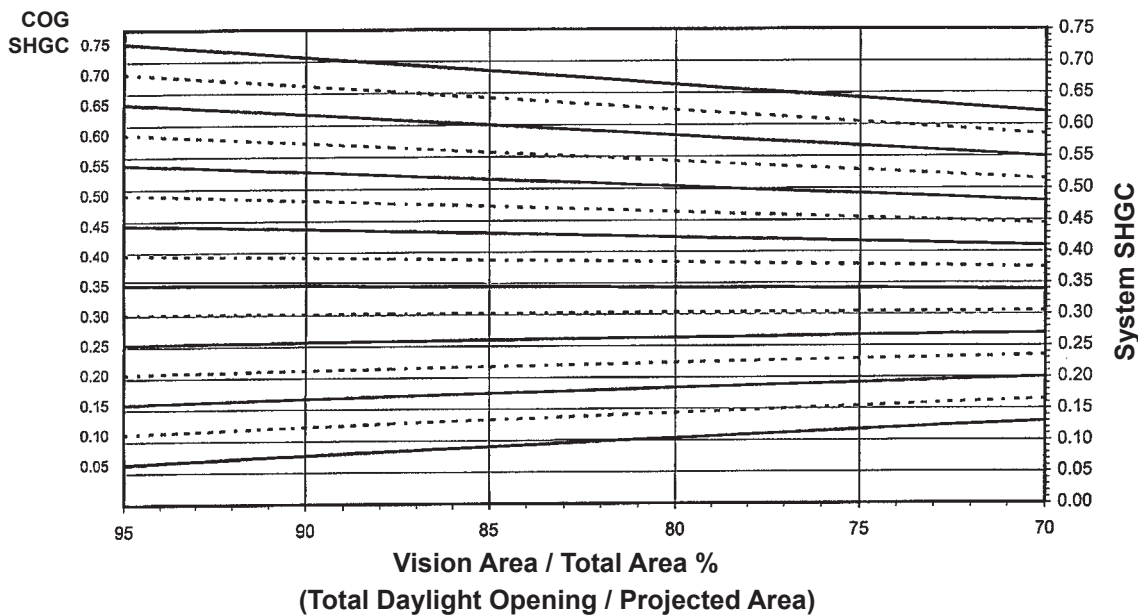
For glass values that are not listed, linear interpolation is permitted.
Glass properties are based on center of glass values and are obtained from your glass supplier.

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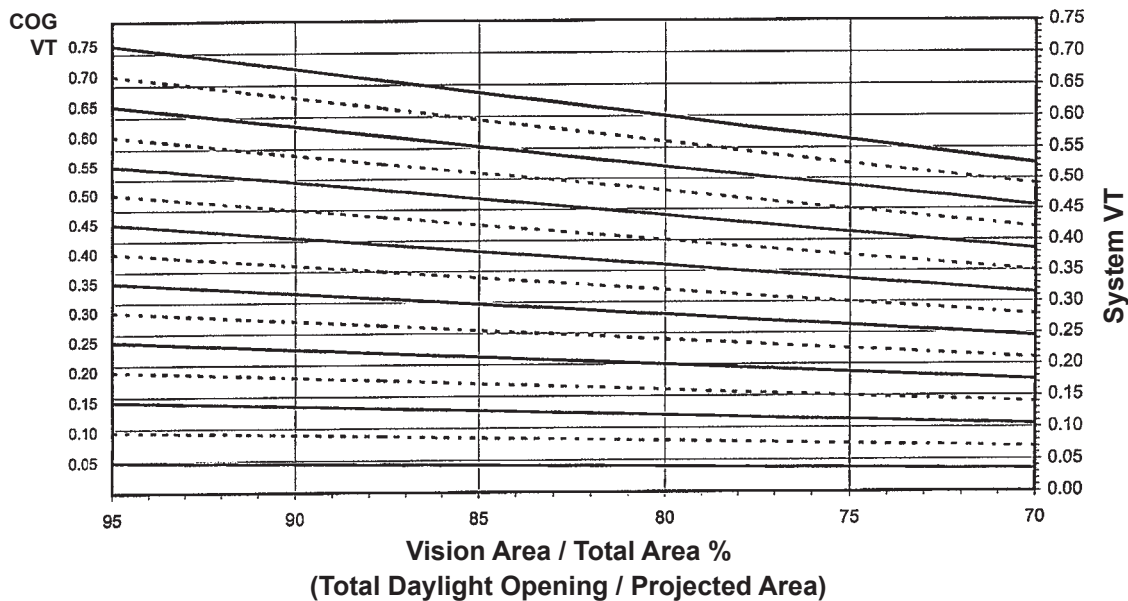
4 Side SSG 1" Double Glazed - Aluminum Glazing Spacer

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



Charts are generated per AAMA 507

Visible Transmittance (VT) vs Percent of Vision Area



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

Glass U-Factor ³	Overall U-Factor ⁴
0.48	0.56
0.46	0.55
0.44	0.53
0.42	0.51
0.40	0.50
0.38	0.48
0.36	0.46
0.34	0.45
0.32	0.43
0.30	0.42
0.28	0.40
0.26	0.38
0.24	0.37
0.22	0.35
0.20	0.33

**4 Side SSG
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 Matrices are based on the standard NFRC specimen size of 2,000 mm wide by 2,000 mm high (78-3/4" by 78-3/4").

SHGC Matrix ²

Glass SHGC ³	Overall SHGC ⁴
0.75	0.70
0.70	0.65
0.65	0.61
0.60	0.57
0.55	0.52
0.50	0.48
0.45	0.43
0.40	0.39
0.35	0.35
0.30	0.30
0.25	0.26
0.20	0.21
0.15	0.17
0.10	0.13
0.05	0.08

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

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

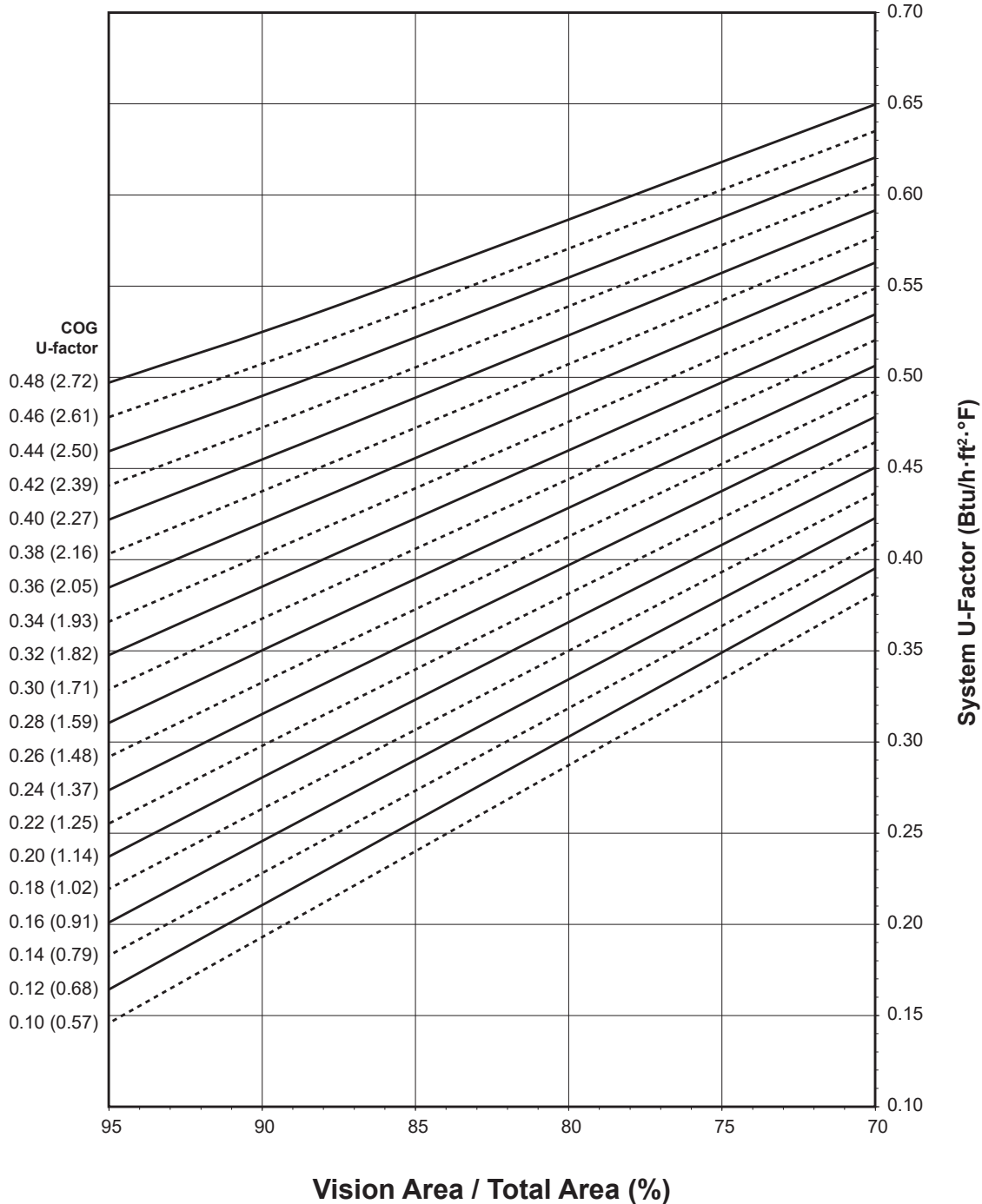
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**Vertical SSG
1" Double Glazed - Warm-Edge Glazing Spacer**

Note:

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

System U-Factor vs Percent of Glass Area



Notes for System U-factor, SHGC and VT charts:

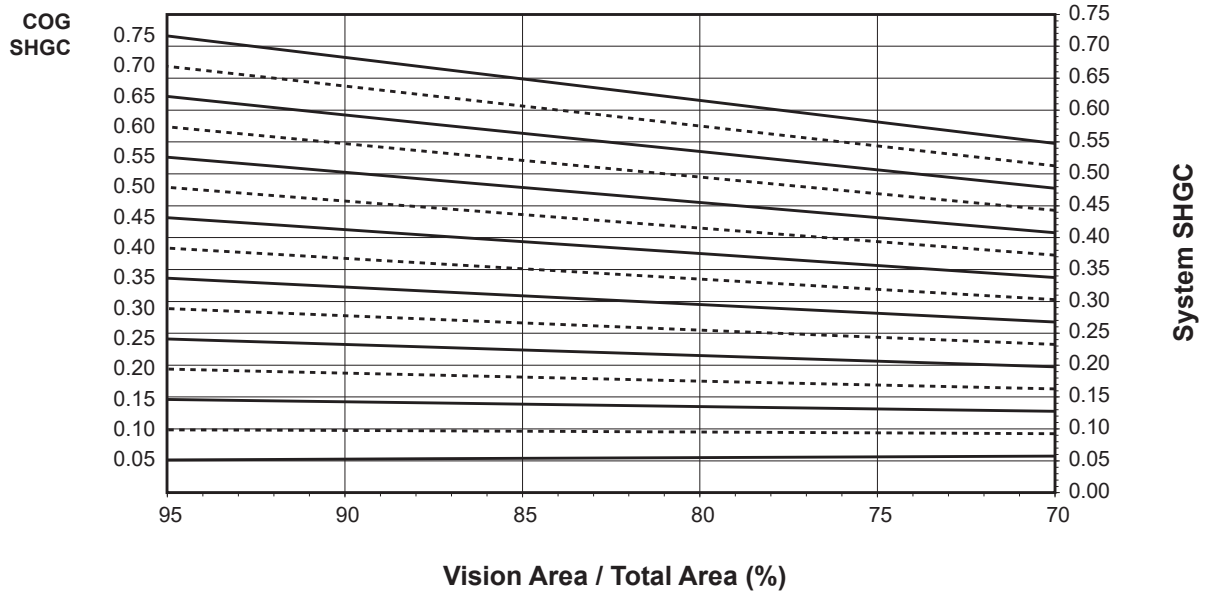
For glass values that are not listed, linear interpolation is permitted.
Glass properties are based on center of glass values and are obtained from your glass supplier.

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

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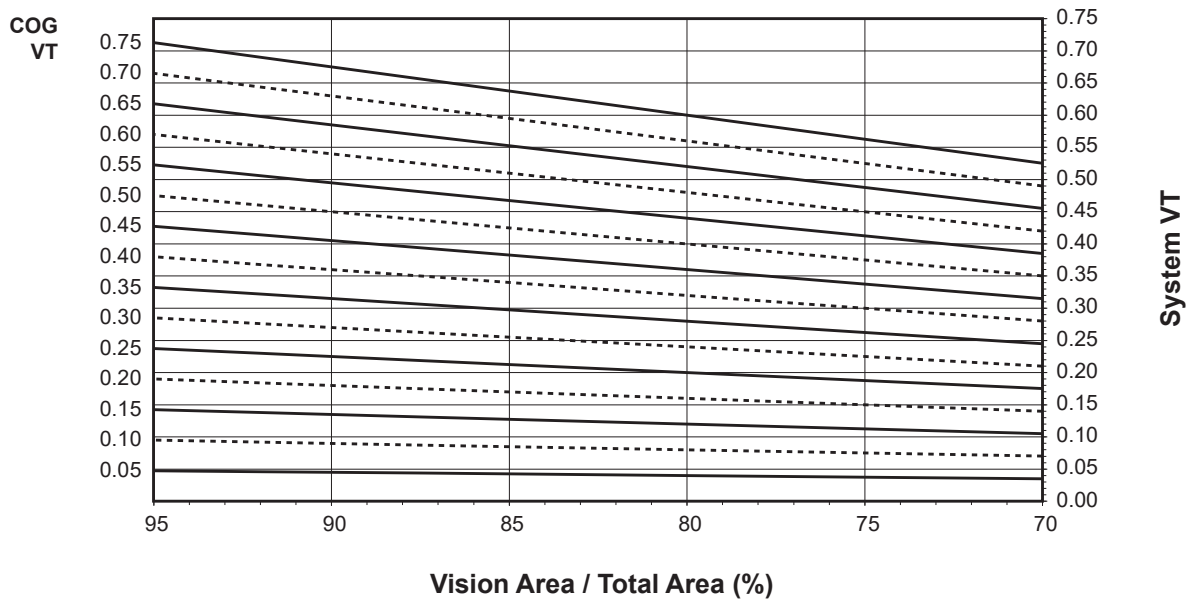
Vertical SSG
1" Double Glazed - Warm-Edge Glazing Spacer

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



Charts are generated per AAMA 507

System Visible Transmittance (VT) vs Percent of Vision Area



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

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Thermal Transmittance ¹ (BTU/hr • ft² • °F)

Glass U-Factor ³	Overall U-Factor ⁴
0.48	0.54
0.46	0.52
0.44	0.51
0.42	0.49
0.40	0.47
0.38	0.46
0.36	0.44
0.34	0.42
0.32	0.40
0.30	0.39
0.28	0.37
0.26	0.35
0.24	0.34
0.22	0.32
0.20	0.30
0.18	0.29
0.16	0.27
0.14	0.25
0.12	0.23
0.10	0.22

**Vertical SSG
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	0.66
0.70	0.62
0.65	0.58
0.60	0.53
0.55	0.49
0.50	0.45
0.45	0.40
0.40	0.36
0.35	0.32
0.30	0.27
0.25	0.23
0.20	0.18
0.15	0.14
0.10	0.10
0.05	0.05

Visible Transmittance ²

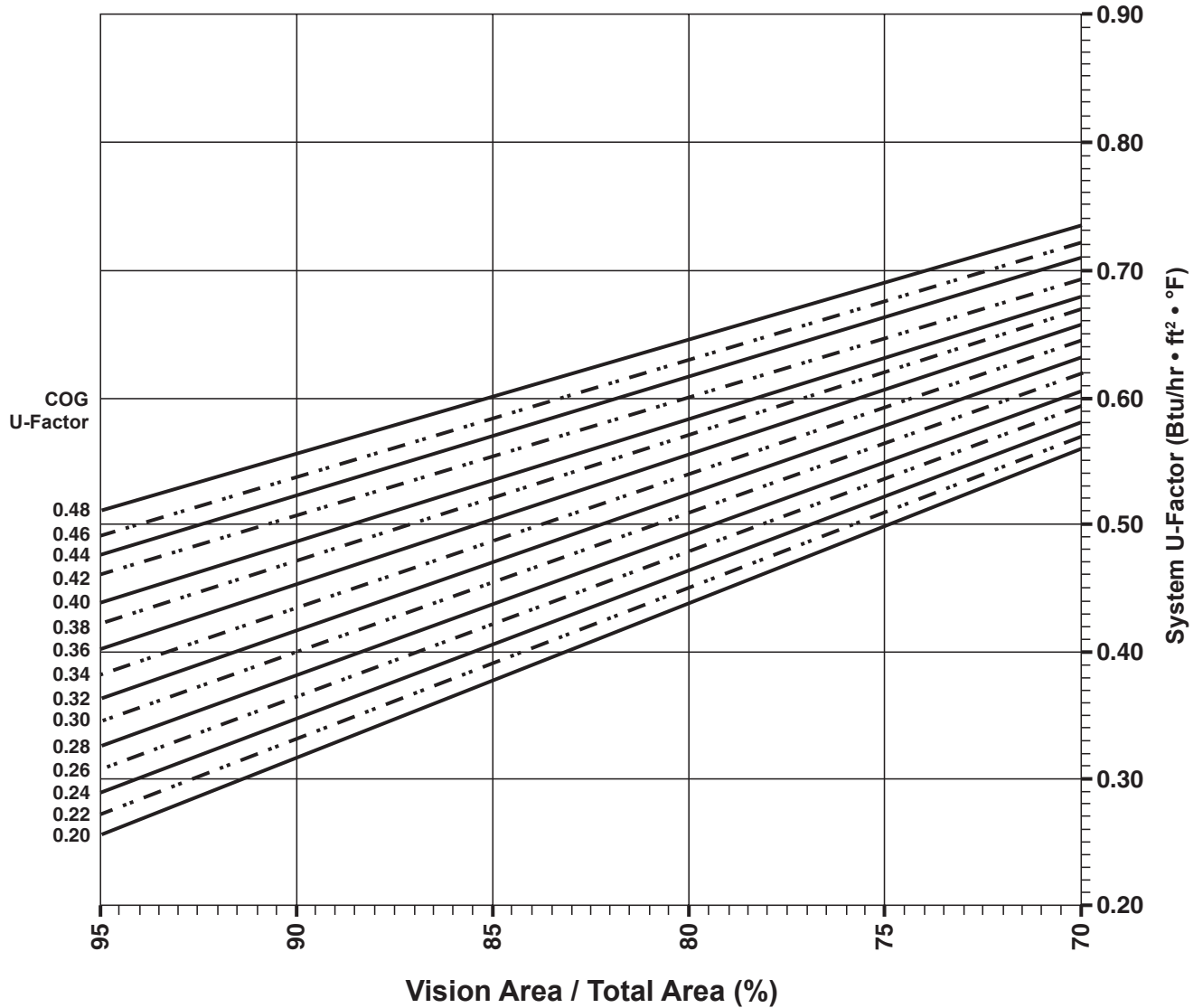
Glass VT ³	Overall VT ⁴
0.75	0.66
0.70	0.61
0.65	0.57
0.60	0.52
0.55	0.48
0.50	0.44
0.45	0.39
0.40	0.35
0.35	0.31
0.30	0.26
0.25	0.22
0.20	0.17
0.15	0.13
0.10	0.09
0.05	0.04

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

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**Vertical SSG
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.

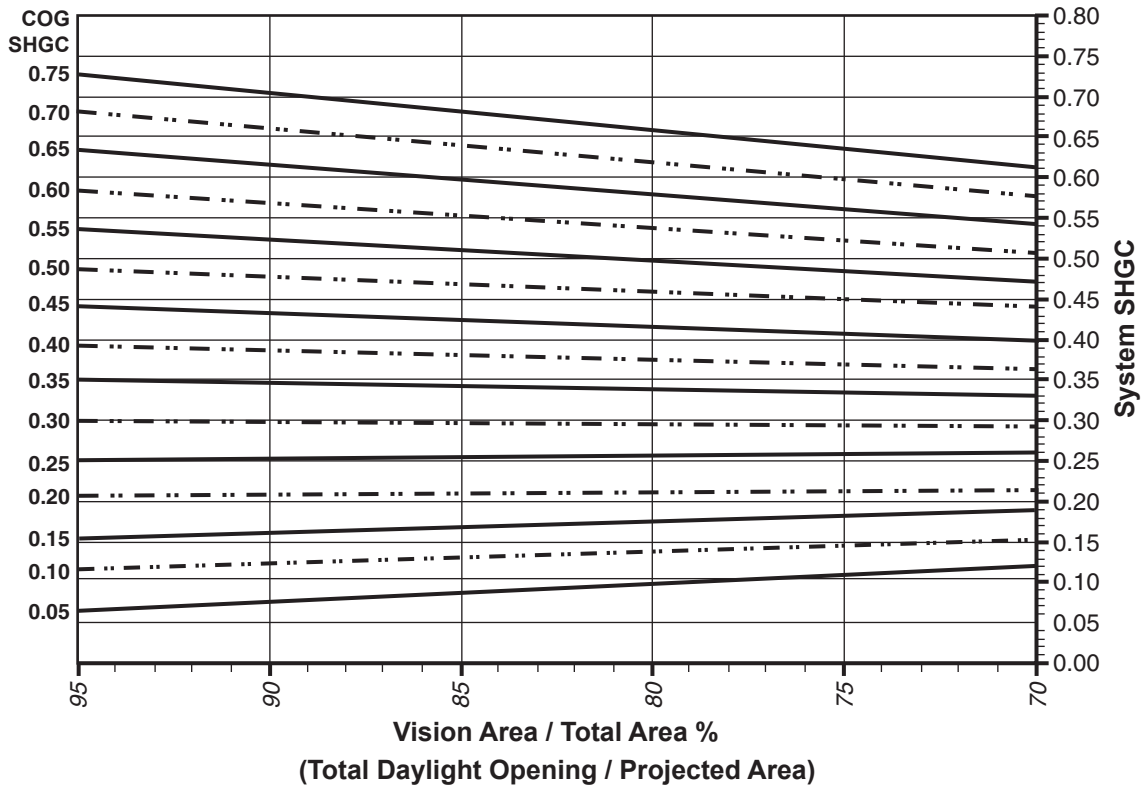
Glass properties are based on center of glass values and are obtained from your glass supplier.

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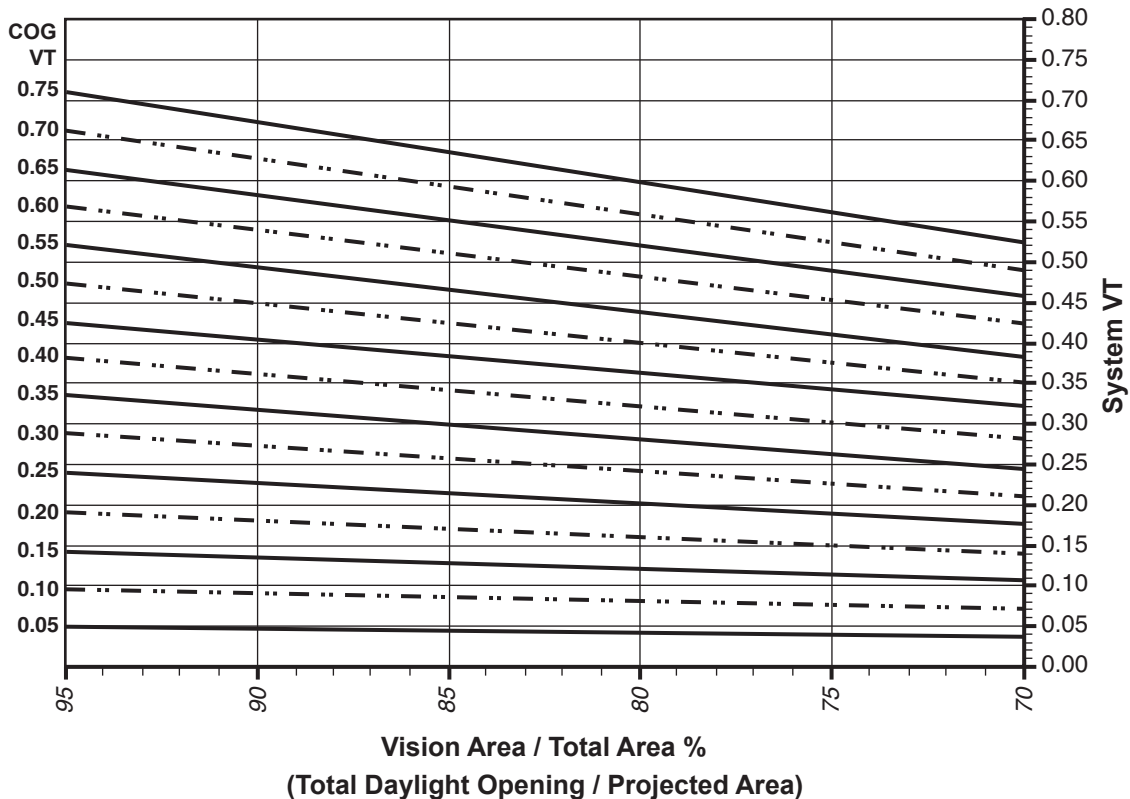
Vertical SSG
1" Double Glazed - Aluminum Glazing Spacer

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



Charts are generated per AAMA 507

Visible Transmittance (VT) vs Percent of Vision Area



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

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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	0.53
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

**Vertical SSG
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 Matrices are based on the standard NFRC specimen size of 2,000 mm wide by 2,000 mm high (78-3/4" by 78-3/4").

SHGC Matrix ²

Glass SHGC ³	Overall SHGC ⁴
0.75	0.69
0.70	0.65
0.65	0.61
0.60	0.56
0.55	0.52
0.50	0.47
0.45	0.43
0.40	0.39
0.35	0.34
0.30	0.30
0.25	0.25
0.20	0.21
0.15	0.17
0.10	0.12
0.05	0.08

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

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CONDENSATION RESISTANCE

	Glazing Infill	Condensation Resistance Factor (CRF) AAMA 1503		Temperature Index (TI) CSA A440-0	
		Frame	Glass	Frame	Glass
2500 PG Wall®	1" Double	69	58	58	44
	1" Double (Low-e)	74	70	---	---
2500 PG Wall® SSG	1" Double (Low-e)	77	72	---	---

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