



Features

- IR 501T/IR 501UT is 5" (127) deep and has a 2-3/4" (69.9) sightline {Expansion mullions have a 3" (76.2) sightline}
- Screw Spline fabrication
- IR 501T Single IsoLock® lanced pour and debridge thermal break
- IR 501UT Dual IsoLock® lanced pour and debridge thermal break
- Center glazed
- Outside glazed
- Permanodic® anodized finishes option
- Painted finishes in standard and custom choices

Optional Features

- Integrated entrance framing
- 350 IR/500 IR - single or pairs of entrances
- Strap anchor at head and jamb
- Acoustical rating per AAMA 1801 and ASTM E 1425
- Project specific U-Factor (see thermal charts)

Product Applications

- Impact resistant
- Storefront, ribbon window or punched opening
- Low to mid-rise
- Single span
- GLASSvent® Windows for Storefront Framing are easily incorporated

For specific product applications,
consult your Kawneer representative.

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DEADLOAD CHARTS 21

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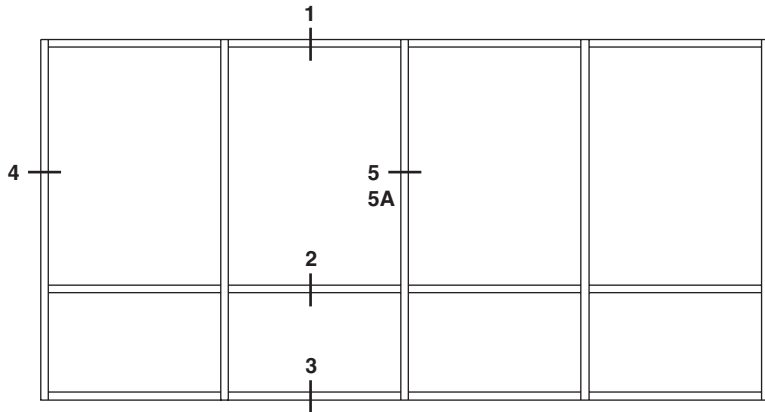
Metric (SI) conversion figures are included throughout these details for reference. Numbers in parentheses () are millimeters unless otherwise noted.

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

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

 HURRICANE RESISTANT PRODUCT

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



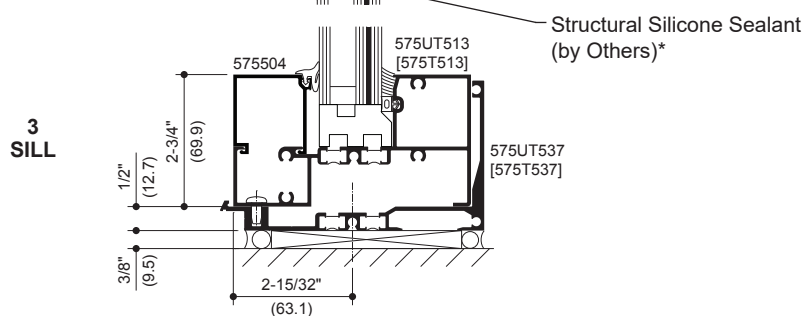
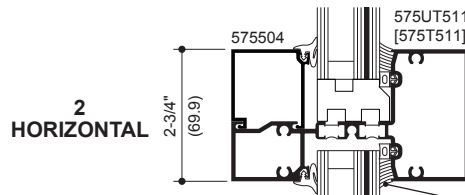
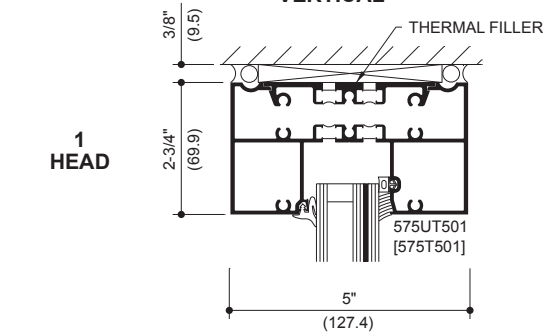
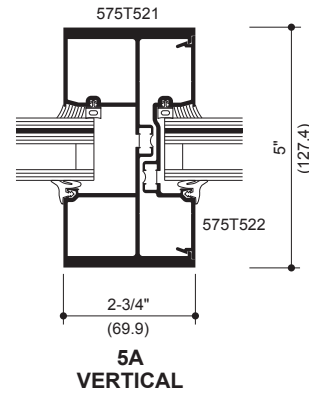
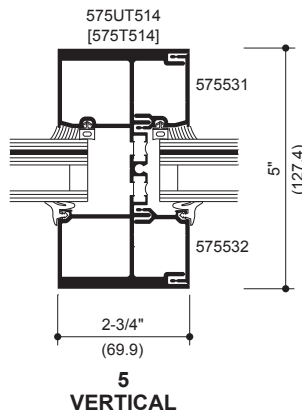
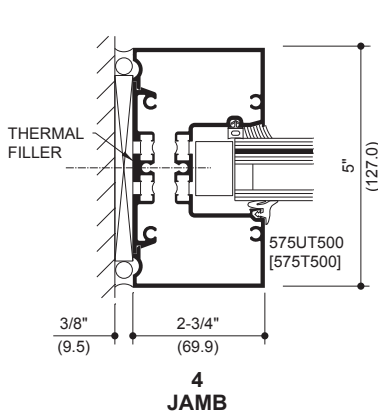
ELEVATION IS NUMBER KEYED TO DETAILS



IR 501T Single IsoLock®
THERMAL BREAK

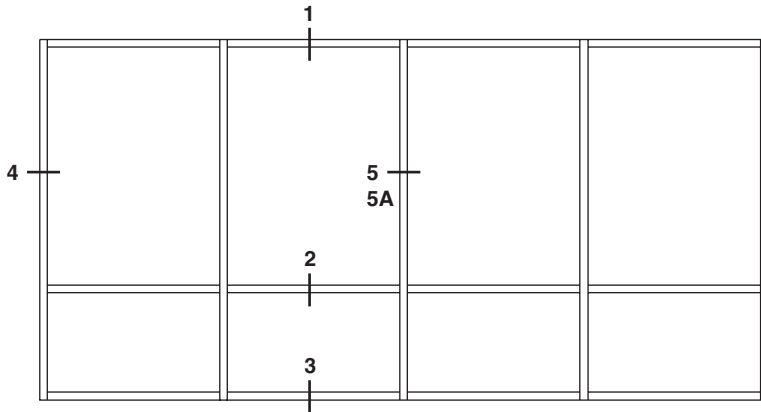


IR 501UT DUAL IsoLock®
THERMAL BREAK (SHOWN)



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

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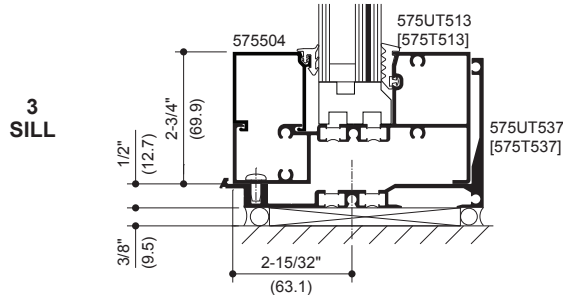
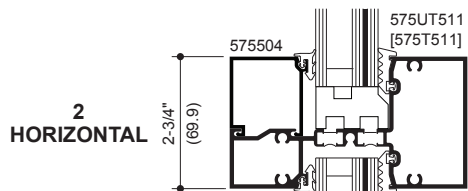
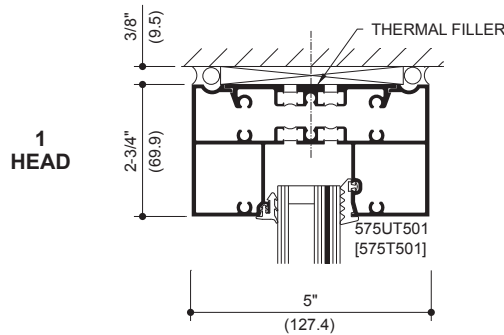
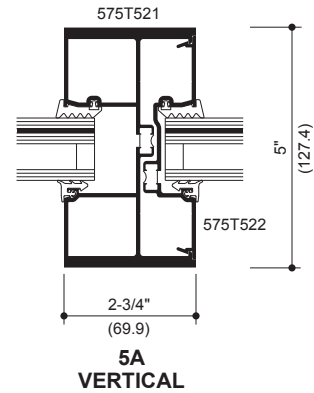
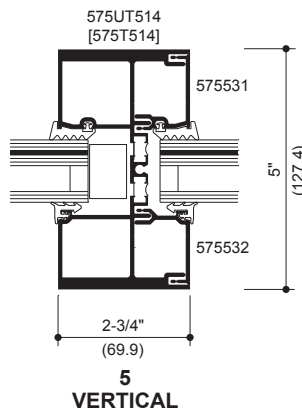
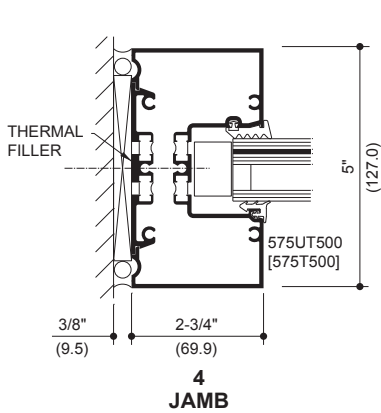
ELEVATION IS NUMBER KEYED TO DETAILS



IR 501T Single IsoLock®
THERMAL BREAK



IR 501UT DUAL IsoLock®
THERMAL BREAK (SHOWN)



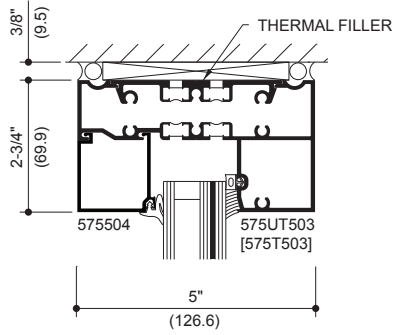
ADMC093EN



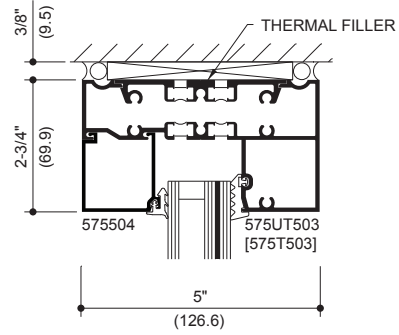
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1-5/16" INFILL (WET GLAZED)

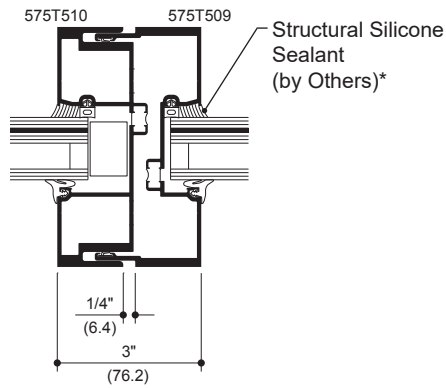
1-5/16" INFILL (DRY GLAZED)



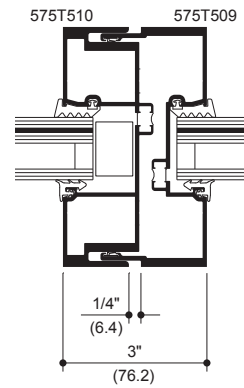
OPTIONAL HEAD WITH STOP



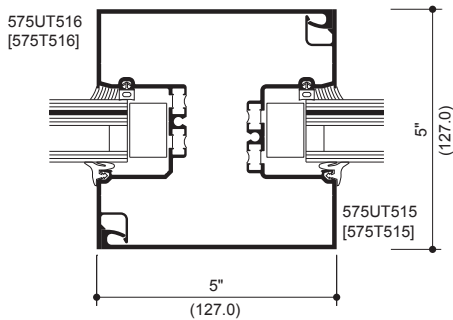
OPTIONAL HEAD WITH STOP



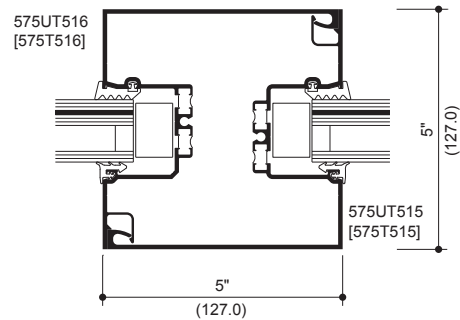
EXPANSION MULLION



EXPANSION MULLION



5" x 5" MULLION



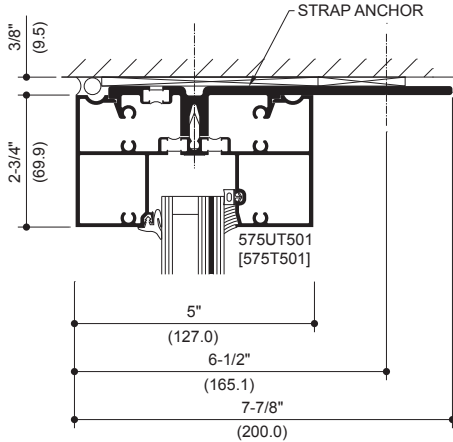
5" x 5" MULLION

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

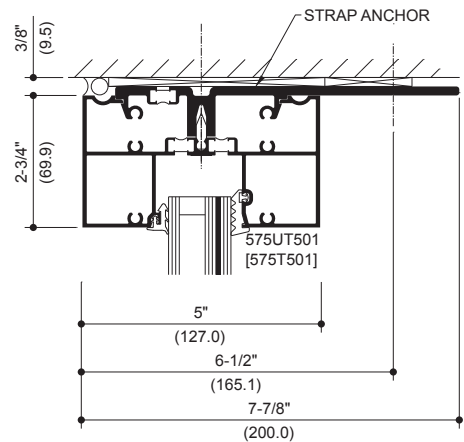
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1-5/16" INFILL (WET GLAZED)

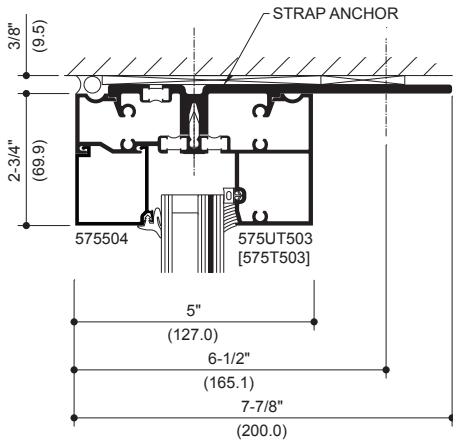
1-5/16" INFILL (DRY GLAZED)



HEAD

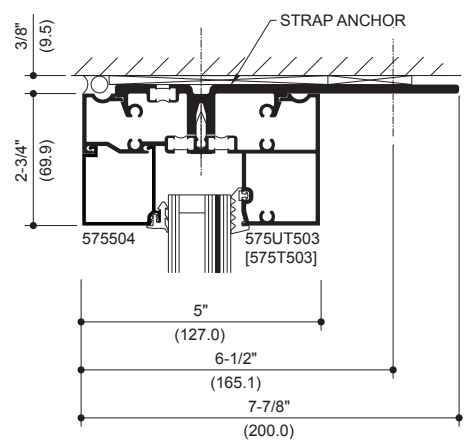


HEAD

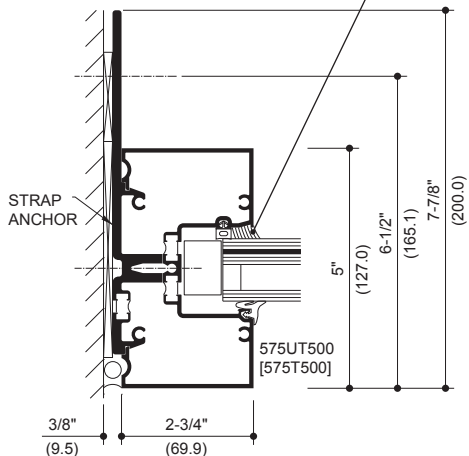


OPTIONAL HEAD WITH STOP

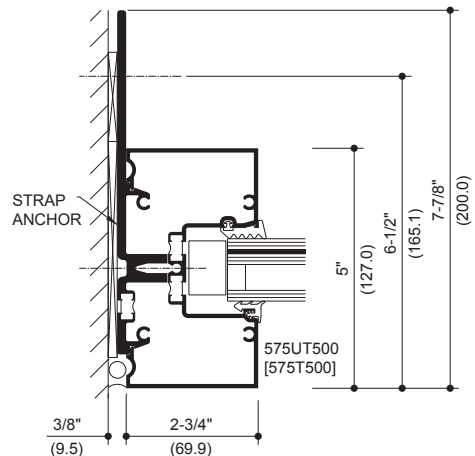
Structural Silicone Sealant (by Others)*



OPTIONAL HEAD WITH STOP



JAMB



JAMB

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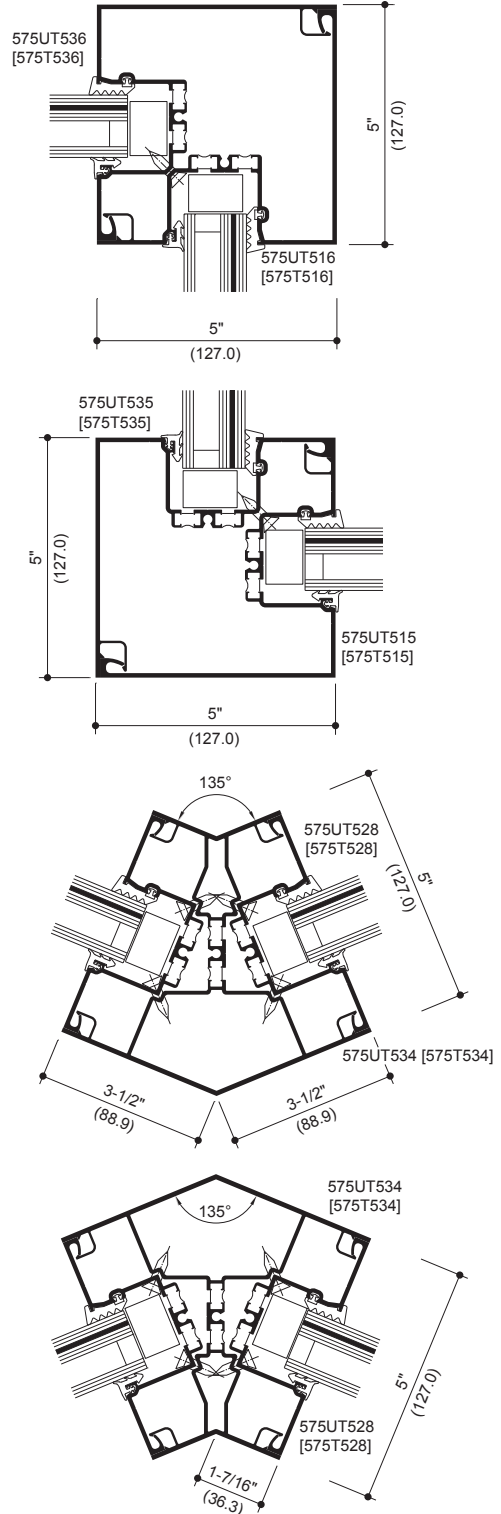
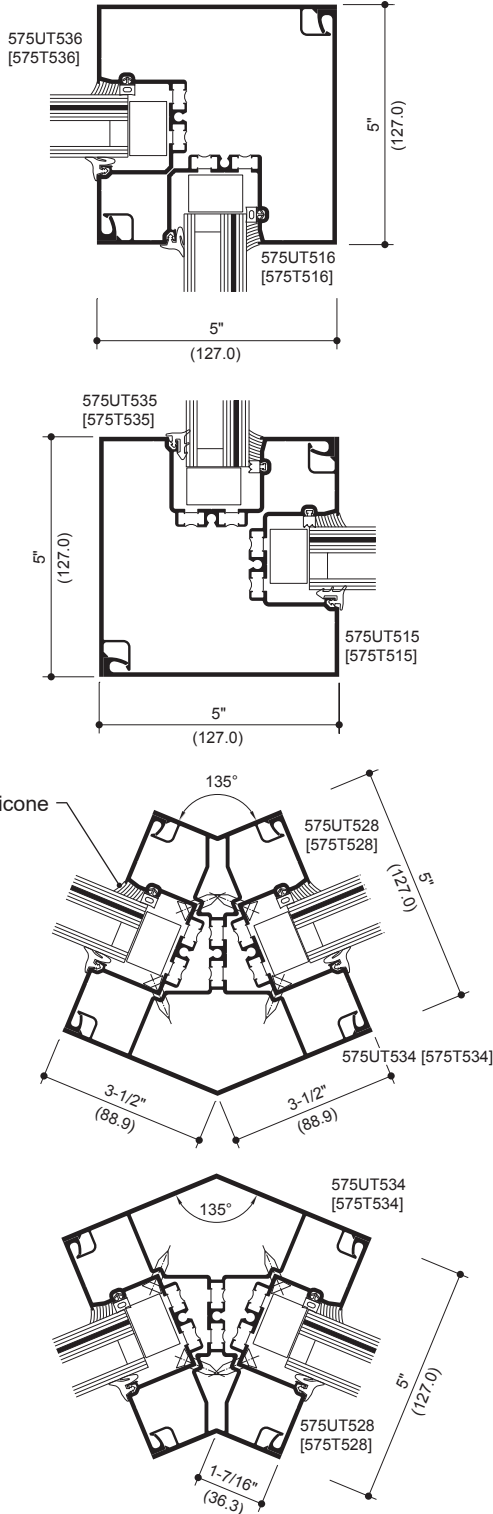
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1-5/16" INFILL (WET GLAZED)

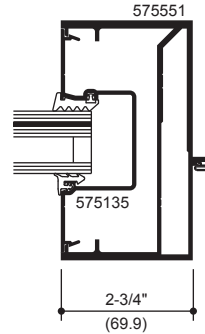
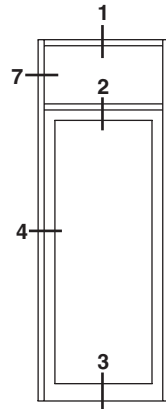
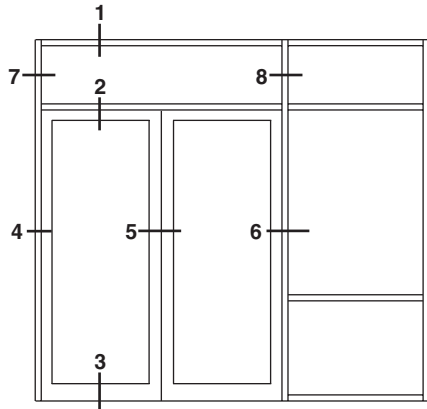
1-5/16" INFILL (DRY GLAZED)



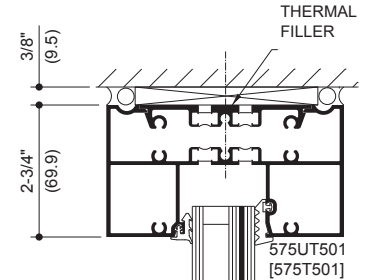
* INSTALLER NOTE: Installer is responsible for all required compatibility review and approvals with the Structural Silicone Manufacturer and the Insulating Glass Unit Manufacturer.

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IR 501 FRAMING INCORPORATING KAWNEER 350 IR DOORS. DOOR FRAMING NON-THERMAL ONLY. SEE 350 IR ENTRANCES FOR ADDITIONAL DOOR AND ENTRANCE FRAMING OPTIONS.

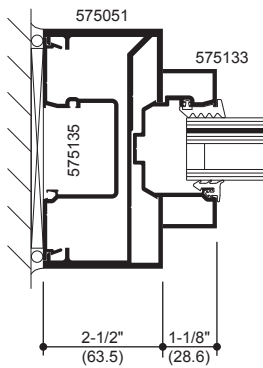


OPTIONAL
2-3/4" DOOR JAMB

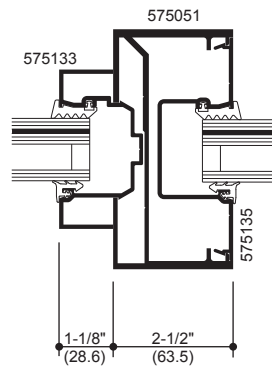


1
TRANSOM HEAD

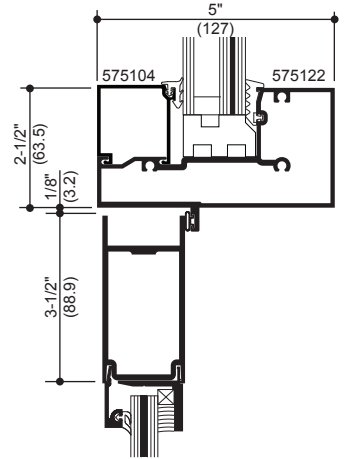
ELEVATION IS NUMBER KEYED TO DETAILS



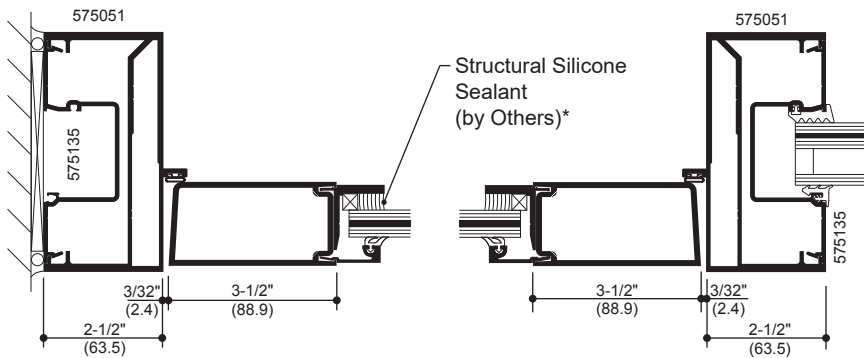
7
DOOR JAMB
AT TRANSOM



8
DOOR JAMB
AT TRANSOM

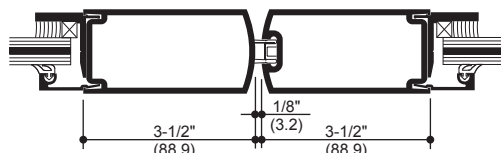


2
DOOR WITH TRANSOM

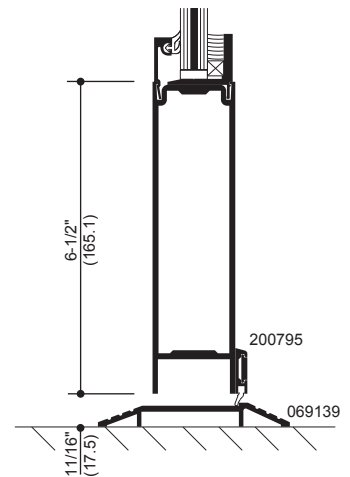


4
DOOR JAMB

6
DOOR JAMB



5
PAIR OF DOORS



3
THRESHOLD

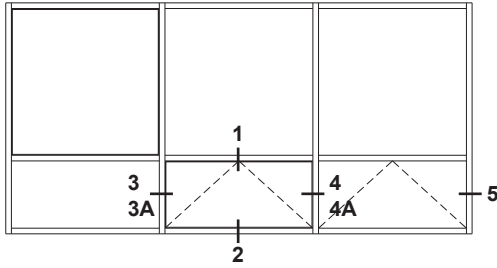
* INSTALLER NOTE: Installer is responsible for all required compatibility review and approvals with the Structural Silicone Manufacturer and the Insulating Glass Unit Manufacturer.

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ELEVATION IS NUMBER KEYED TO DETAILS

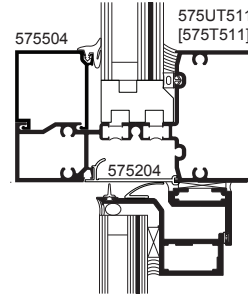
Hardware:

Hinge: Stainless Steel 4-Bar

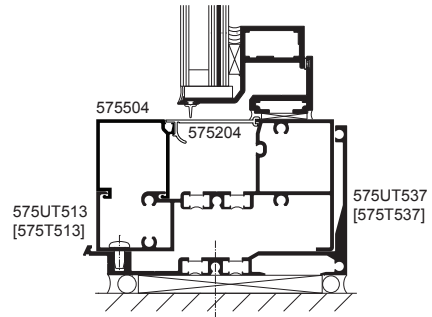
Lock: Hurricane Cam Handles

PROJECT-OUT HORIZONTAL SECTION

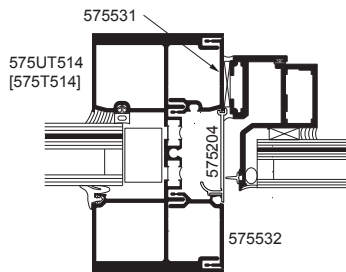
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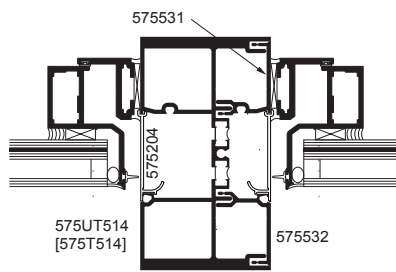
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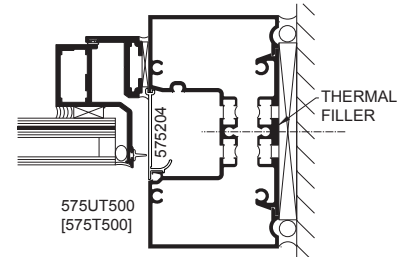
PROJECT-OUT VERTICAL SECTION



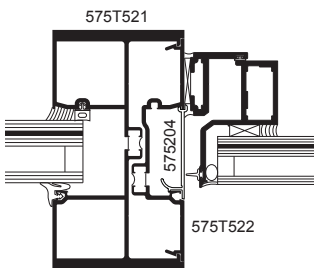
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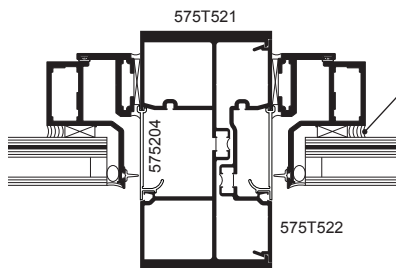
4



5



3A



4A

Structural Silicone Sealant (by Others)*

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

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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 (104MPa), STEEL 30,000 psi (207MPa). 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 1-5/16" (33.3) thick insulated impact resistant glass supported on two setting blocks placed at the loading points shown.

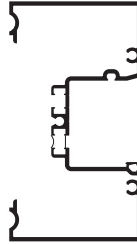
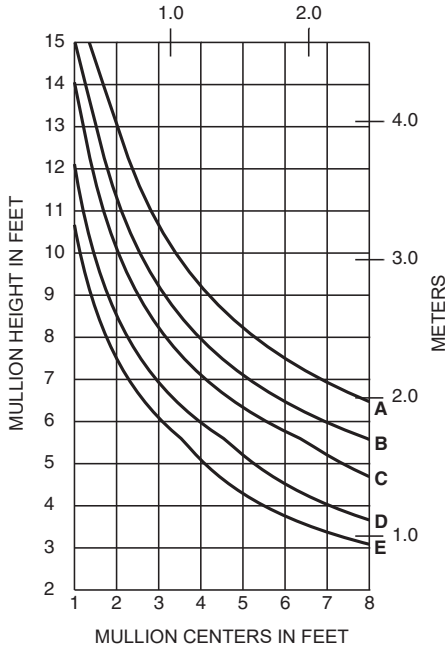
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	Allowable Stress Design Load	LRFD Ultimate Design Load
A =	30 PSF (1440)	50 PSF (2400)
B =	40 PSF (1920)	67 PSF (3200)
C =	50 PSF (2400)	83 PSF (4000)
D =	70 PSF (3360)	117 PSF (5600)
E =	90 PSF (4310)	150 PSF (7200)

575T500 WITH HORIZONTALS
METERS



575T500

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

MAXIMUM ALLOWABLE STRESS AND DEFLECTION for 575T500 and 575UT500

8,000 PSI WITH HORIZONTALS*

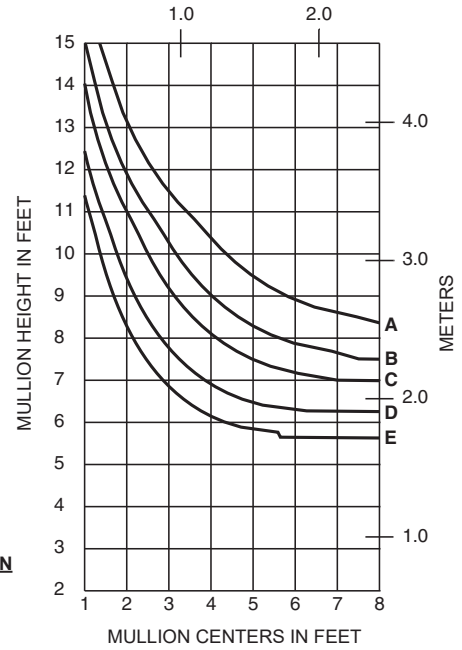
9,000 PSI WITHOUT HORIZONTALS**

1/4" ALLOWABLE DEFLECTION @ JAMBS

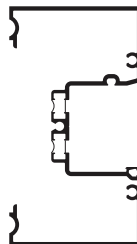
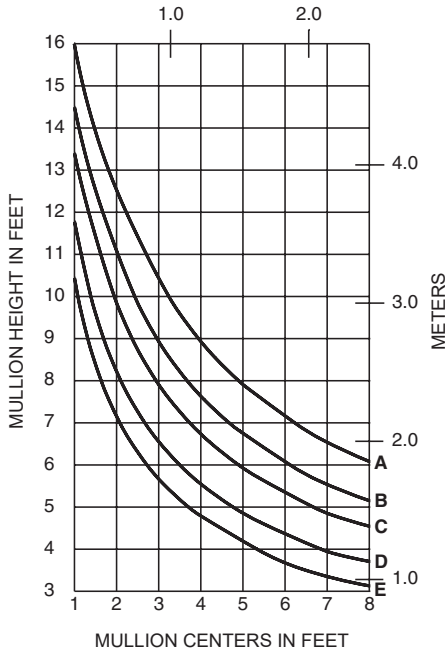
* 92 3/4" maximum DLO with anchors located at top and bottom of intermediate horizontals.

** 84" maximum vertical DLO anchored at top and bottom only. Add perimeter fasteners to increase DLO height.

575T500 WITHOUT HORIZONTALS
METERS



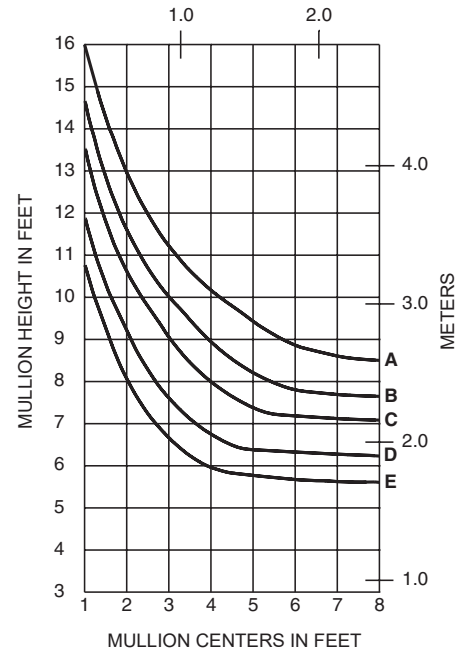
575UT500 WITH HORIZONTALS
METERS



575UT500

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

575UT500 WITHOUT HORIZONTALS
METERS

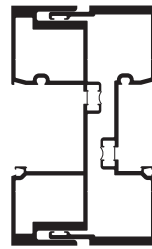
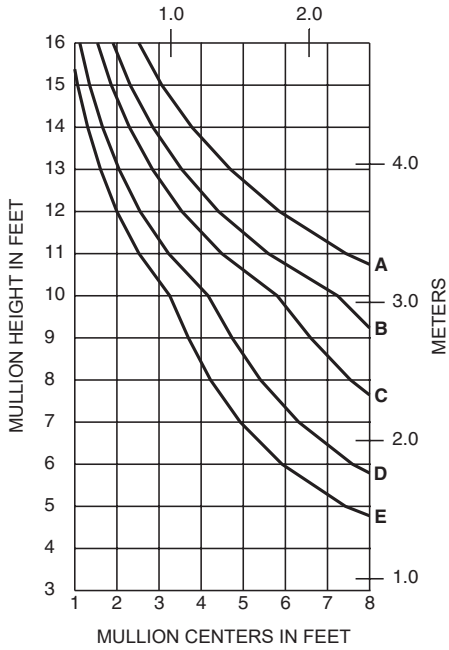


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E =	90 PSF (4310)	150 PSF (7200)

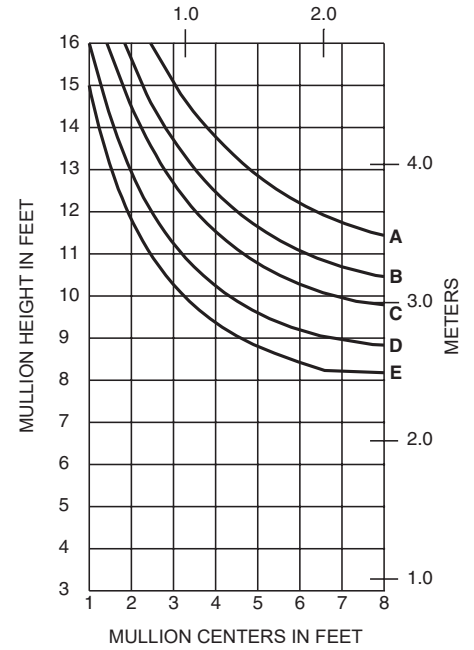
**575T509 & 575T510
WITH HORIZONTALS**
METERS



575T509 / 575T510

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

**575T509 & 575T510
WITHOUT HORIZONTALS**
METERS



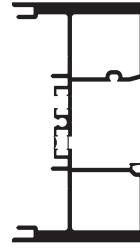
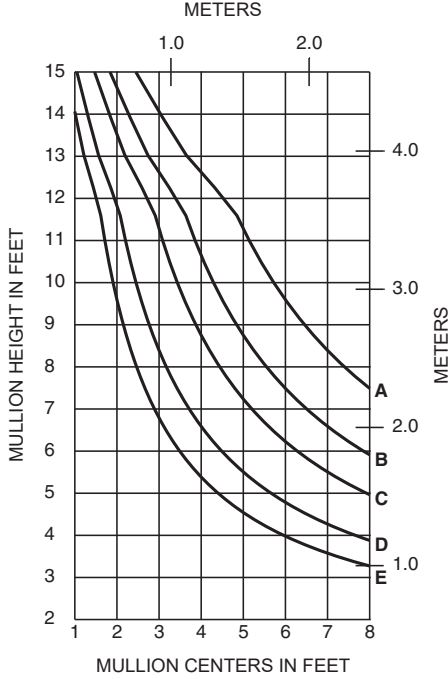
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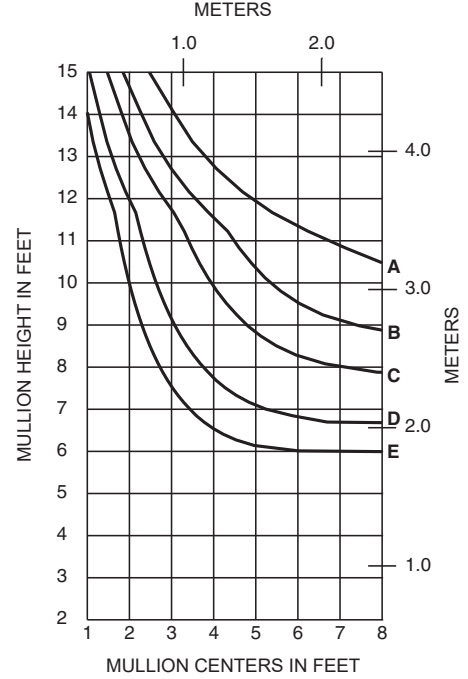
575T514 WITH HORIZONTALS



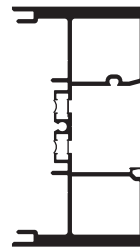
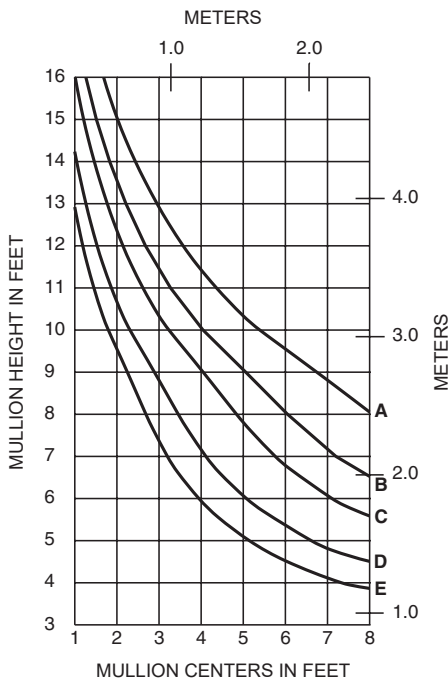
575T514

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

575T514 WITHOUT HORIZONTALS



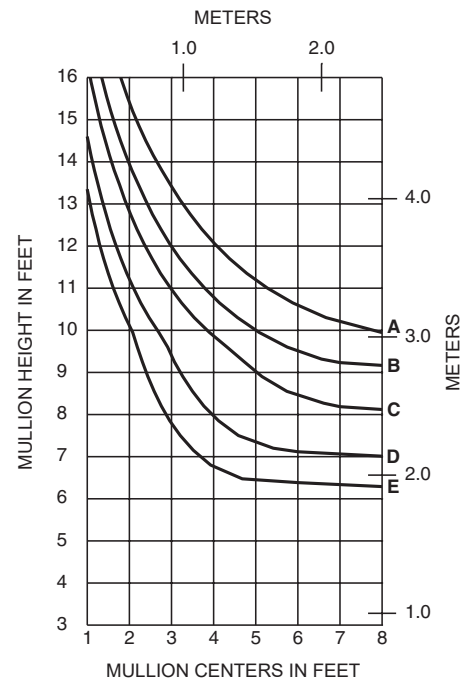
575UT514 WITH HORIZONTALS



575UT514

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

575UT514 WITHOUT HORIZONTALS

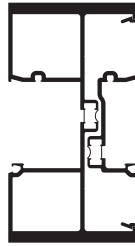
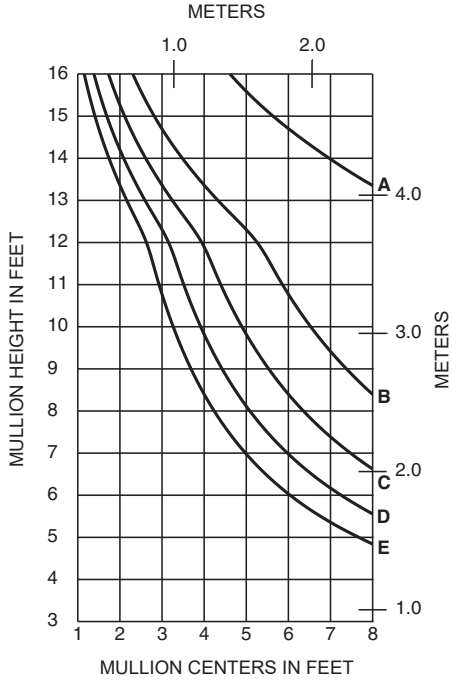


Laws and building and safety codes governing the design and use of Kawneer products, such as glazed entrance, window, and curtain wall products, vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

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	Allowable Stress Design Load	LRFD Ultimate Design Load
A =	15 PSF (720)	25 PSF (1200)
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)

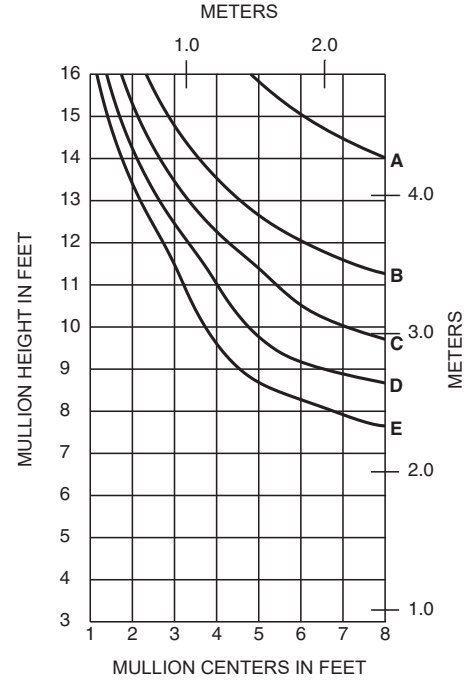
575T521 & 575T522 WITH HORIZONTALS



575T521 / 575T522

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

575T521 & 575T522 WITHOUT HORIZONTALS



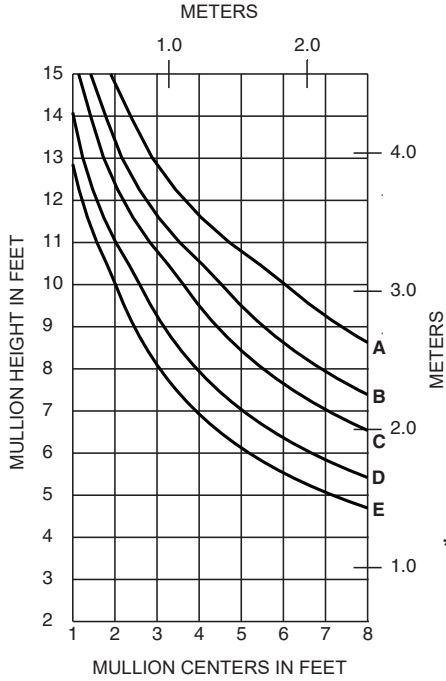
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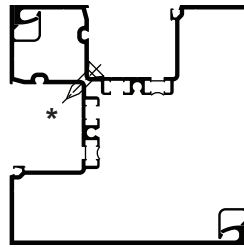
 HURRICANE RESISTANT PRODUCT

	Allowable Stress Design Load	LRFD Ultimate Design Load
A =	30 PSF (1440)	50 PSF (2400)
B =	40 PSF (1920)	67 PSF (3200)
C =	50 PSF (2400)	83 PSF (4000)
D =	70 PSF (3360)	117 PSF (5600)
E =	90 PSF (4310)	150 PSF (7200)

575T515 & 575T535 WITH HORIZONTALS



3/4" ALLOWABLE DEFLECTION

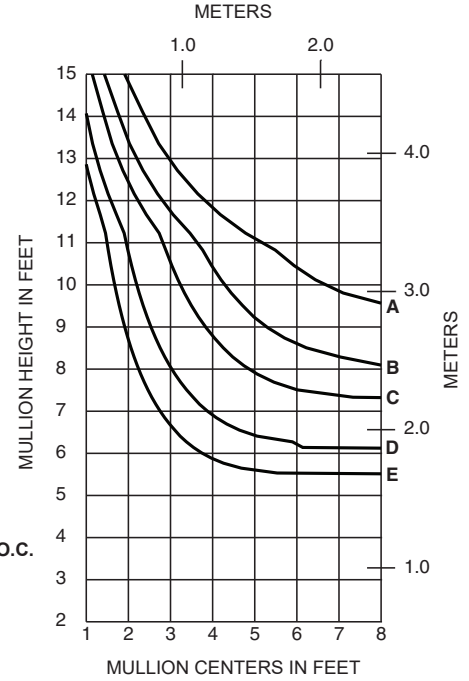


575T515 / 575T535

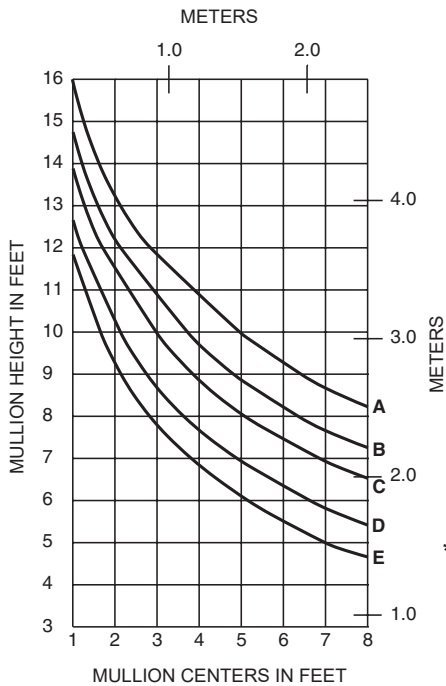
* LOCATE FASTENER 6" FROM EACH END AND 9" O.C.

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

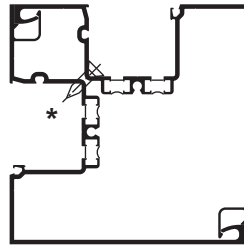
575T515 & 575T535 WITHOUT HORIZONTALS



575UT515 & 575UT535 WITH HORIZONTALS



3/4" ALLOWABLE DEFLECTION

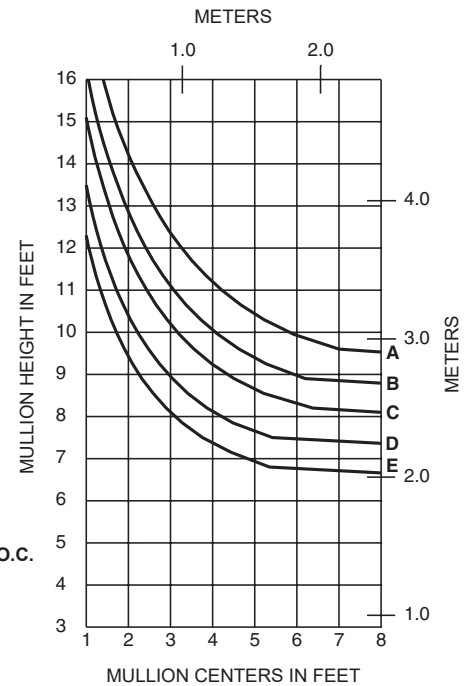


575UT515 / 575UT535

* LOCATE FASTENER 6" FROM EACH END AND 9" O.C.

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

575UT515 & 575UT535 WITHOUT HORIZONTALS

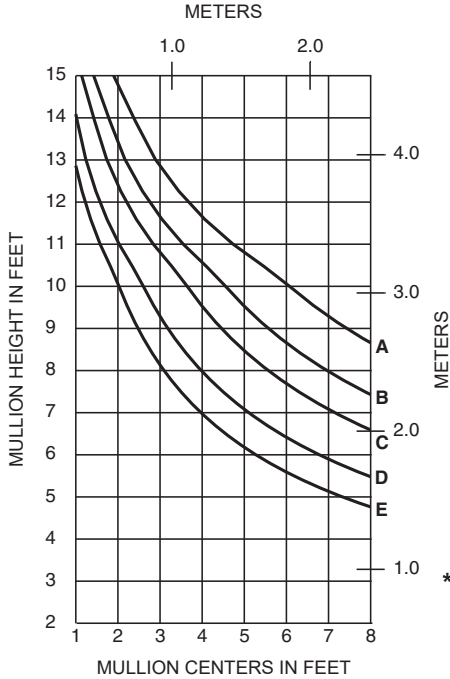


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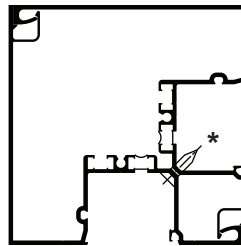
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	Allowable Stress Design Load	LRFD Ultimate Design Load
A =	30 PSF (1440)	50 PSF (2400)
B =	40 PSF (1920)	67 PSF (3200)
C =	50 PSF (2400)	83 PSF (4000)
D =	70 PSF (3360)	117 PSF (5600)
E =	90 PSF (4310)	150 PSF (7200)

575T516 & 575T536 WITH HORIZONTALS



3/4" ALLOWABLE DEFLECTION

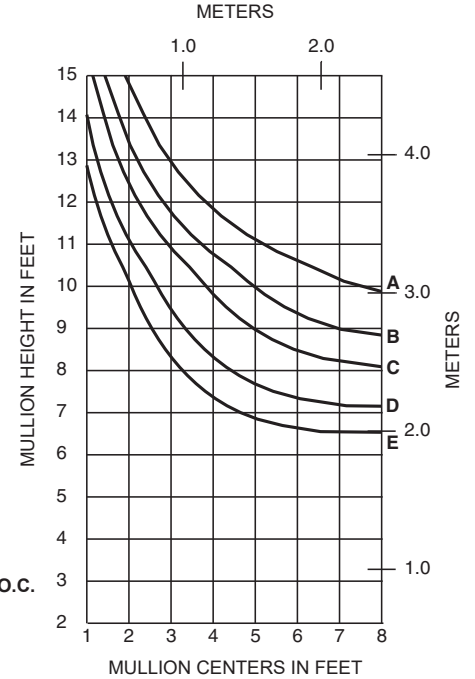


575T516 / 575T536

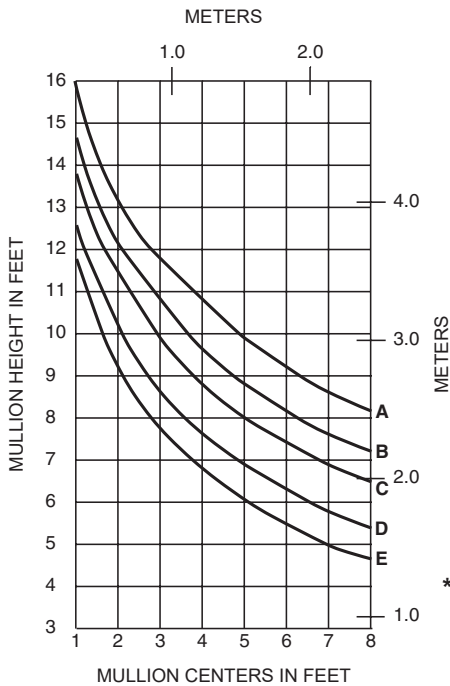
* LOCATE FASTENER 6" FROM EACH END AND 9" O.C.

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

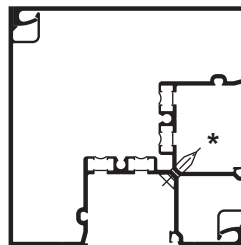
575T516 & 575T536 WITHOUT HORIZONTALS



575UT516 & 575UT536 WITH HORIZONTALS



3/4" ALLOWABLE DEFLECTION

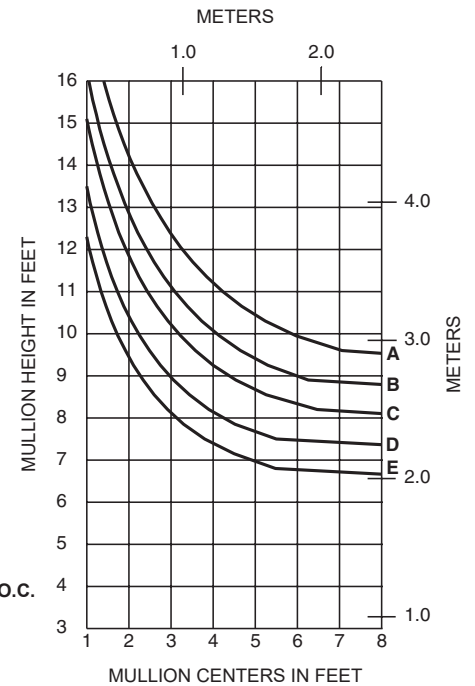


575UT516 / 575UT536

* LOCATE FASTENER 6" FROM EACH END AND 9" O.C.

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

575UT516 & 575UT536 WITHOUT HORIZONTALS



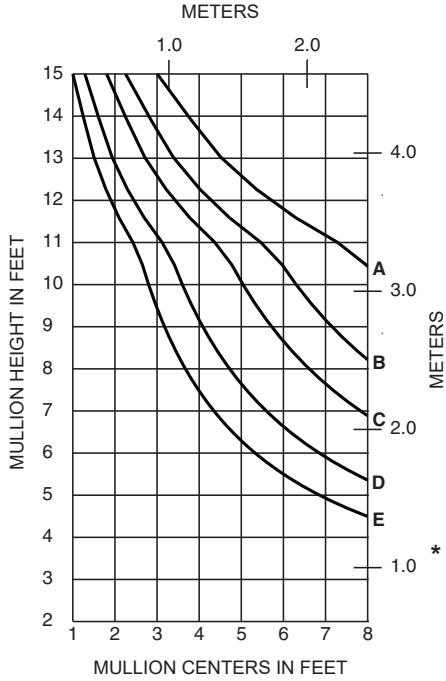
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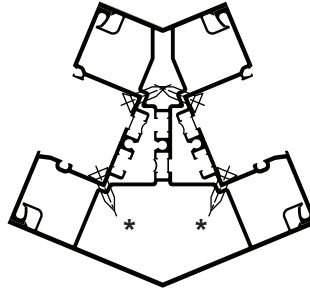


	Allowable Stress Design Load	LRFD Ultimate Design Load
A =	30 PSF (1440)	50 PSF (2400)
B =	40 PSF (1920)	67 PSF (3200)
C =	50 PSF (2400)	83 PSF (4000)
D =	70 PSF (3360)	117 PSF (5600)
E =	90 PSF (4310)	150 PSF (7200)

575T534 & 575T528 WITH HORIZONTALS



3/4" ALLOWABLE DEFLECTION

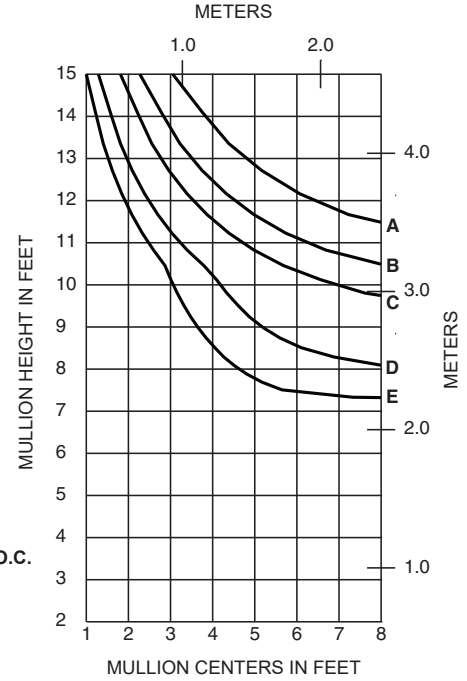


575T534 / 575T528

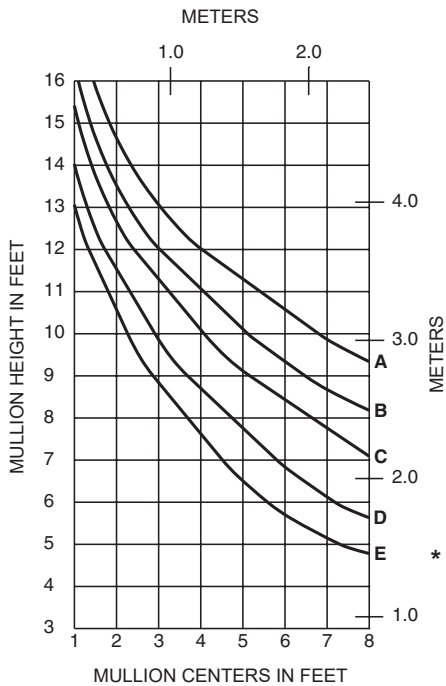
* LOCATE FASTENER 6" FROM EACH END AND 18" O.C.

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

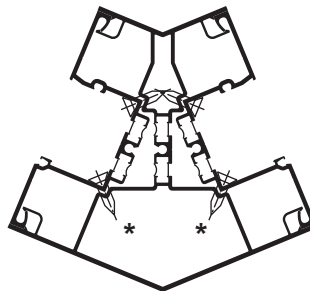
575T534 & 575T528 WITHOUT HORIZONTALS



575UT534 & 575UT528 WITH HORIZONTALS



3/4" ALLOWABLE DEFLECTION

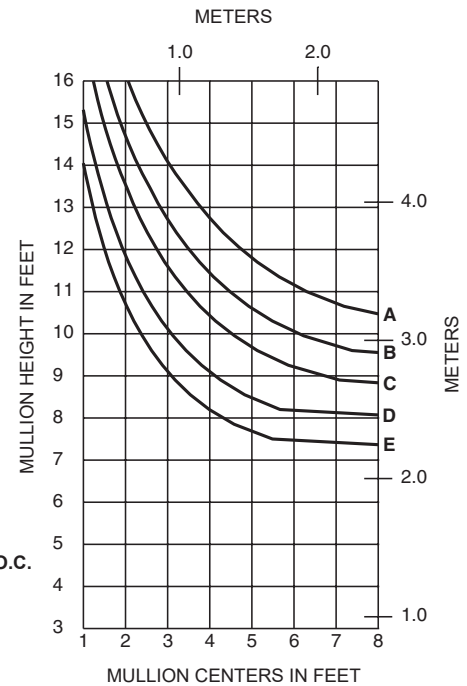


575UT534 / 575UT528

* LOCATE FASTENER 6" FROM EACH END AND 18" O.C.

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

575UT534 & 575UT528 WITHOUT HORIZONTALS

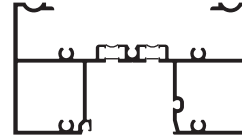
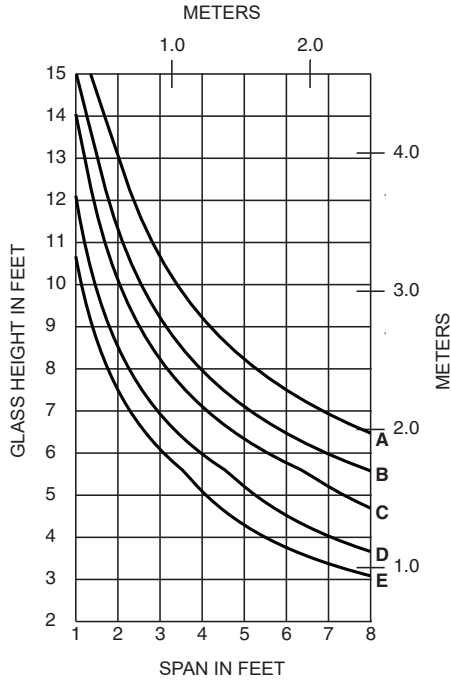


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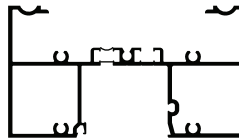
	Allowable Stress Design Load	LRFD Ultimate Design Load
A =	30 PSF (1440)	50 PSF (2400)
B =	40 PSF (1920)	67 PSF (3200)
C =	50 PSF (2400)	83 PSF (4000)
D =	70 PSF (3360)	117 PSF (5600)
E =	90 PSF (4310)	150 PSF (7200)

575T501 SINGLE SPAN



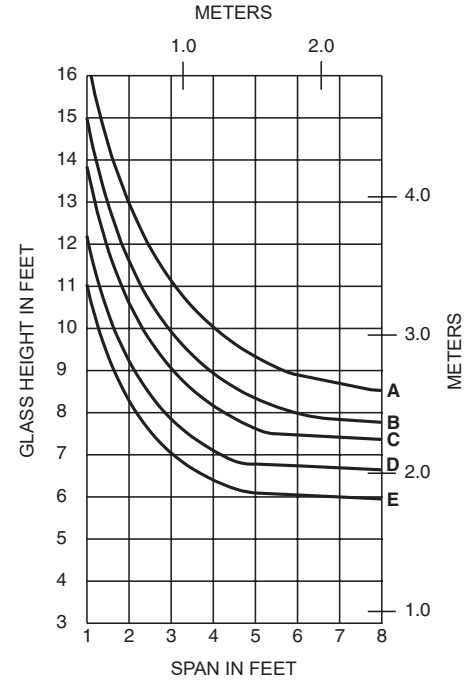
575UT501

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

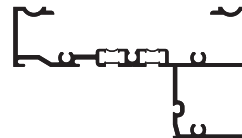
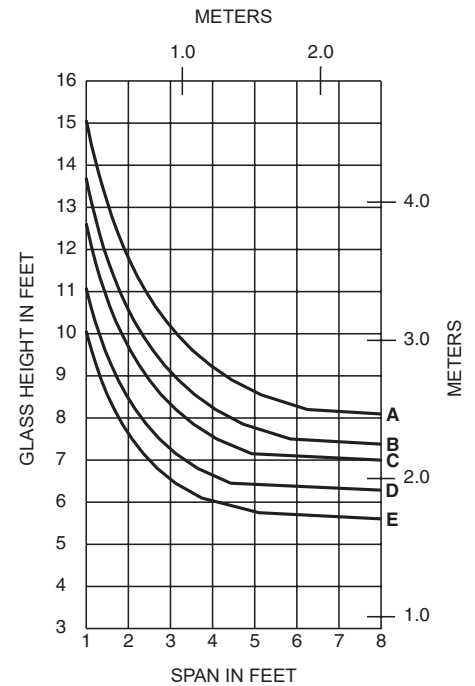


575T501

575UT501 SINGLE SPAN

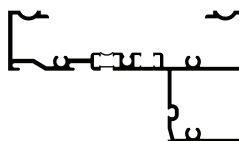


575UT503 SINGLE SPAN



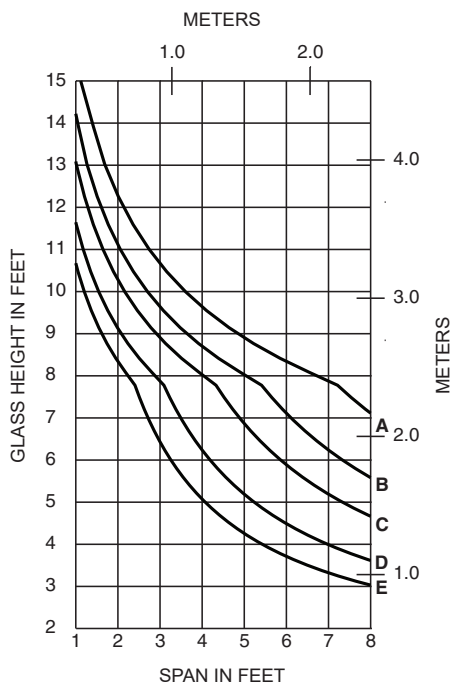
575UT503

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



575T503

575T503 SINGLE SPAN



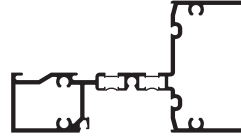
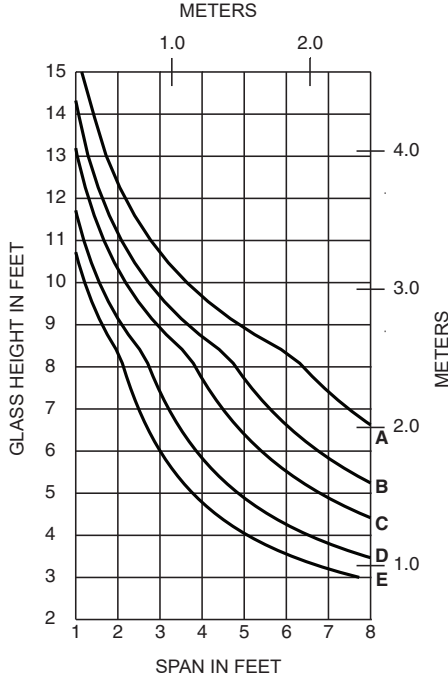
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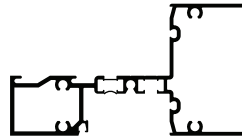


	Allowable Stress Design Load	LRFD Ultimate Design Load
A =	30 PSF (1440)	50 PSF (2400)
B =	40 PSF (1920)	67 PSF (3200)
C =	50 PSF (2400)	83 PSF (4000)
D =	70 PSF (3360)	117 PSF (5600)
E =	90 PSF (4310)	150 PSF (7200)

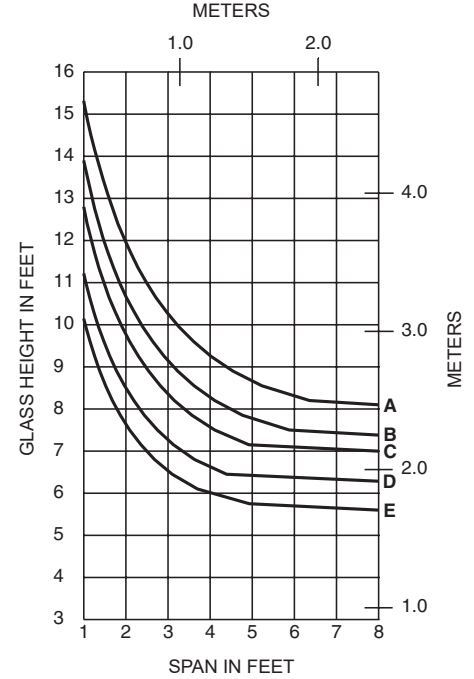
575T511
SINGLE SPAN



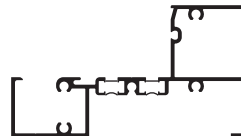
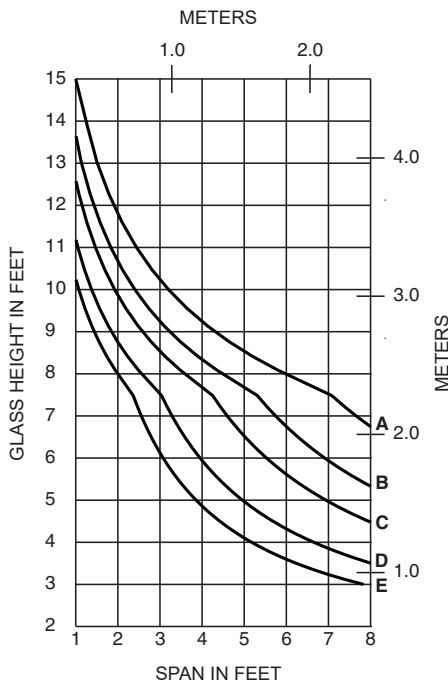
WIND LOAD CHARTS ARE BASED ON COMPOSITE PROPERTIES WHICH ARE CALCULATED IN ACCORDANCE WITH AAMA TIR-8 AND AAMA 505



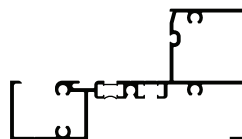
575UT511
SINGLE SPAN



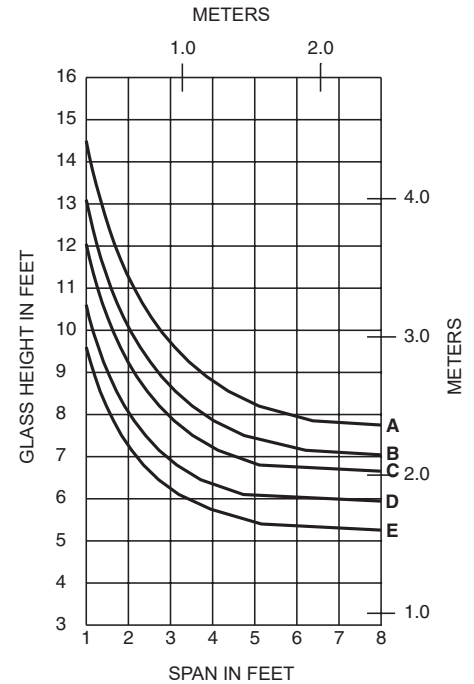
575T513
SINGLE SPAN



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



575UT513
SINGLE SPAN



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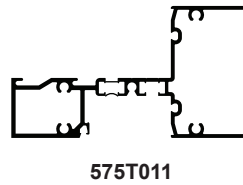
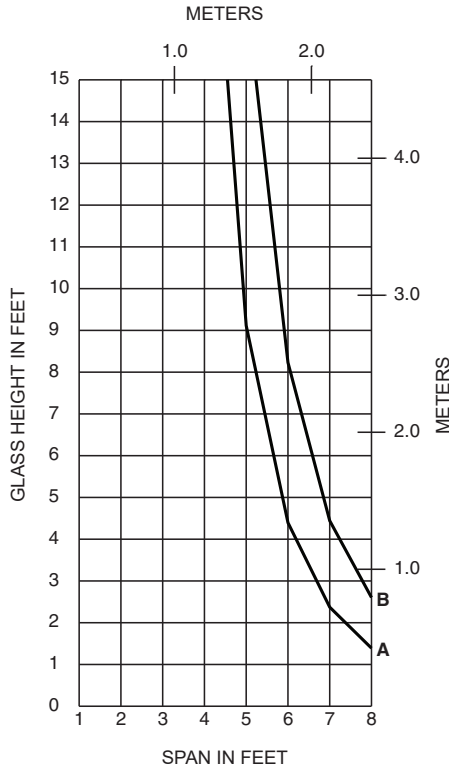
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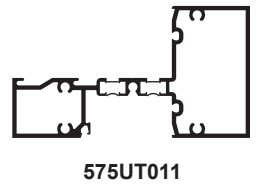
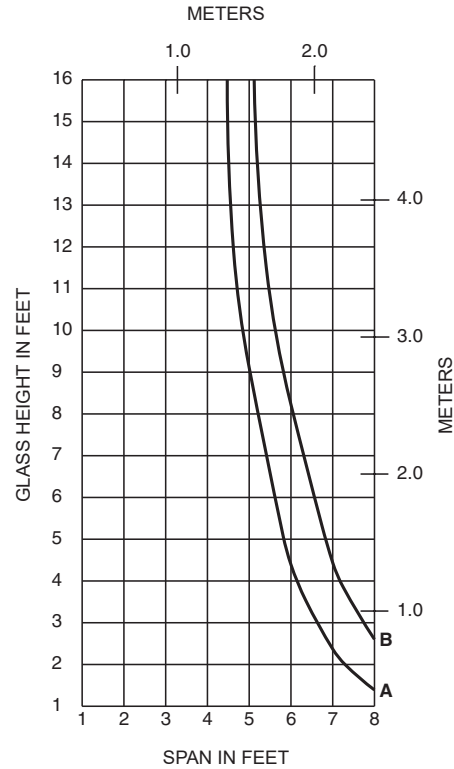
Horizontal or deadload limitations are based upon 1/8" (3.2), maximum allowable deflection at the center of an intermediate horizontal member. The accompanying charts are calculated for 1-5/16" (33.3) thick insulated impact resistant glass supported on two setting blocks placed at the loading points shown.

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

575T011



575UT011

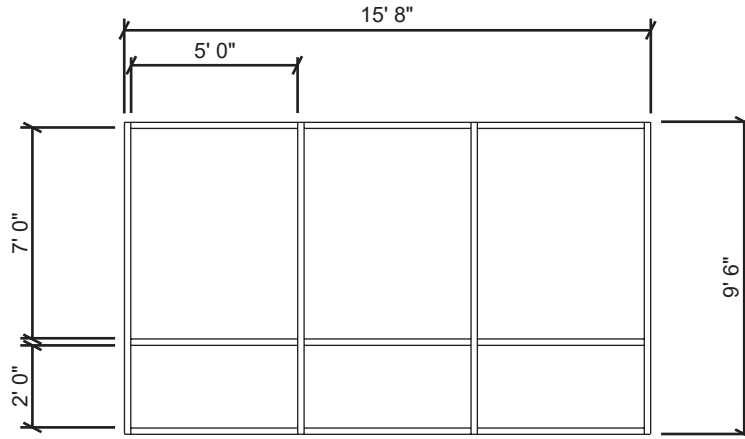


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Generic Project Specific U-factor Example Calculation
 (Percent of Glass will vary on specific products depending on sitelines)



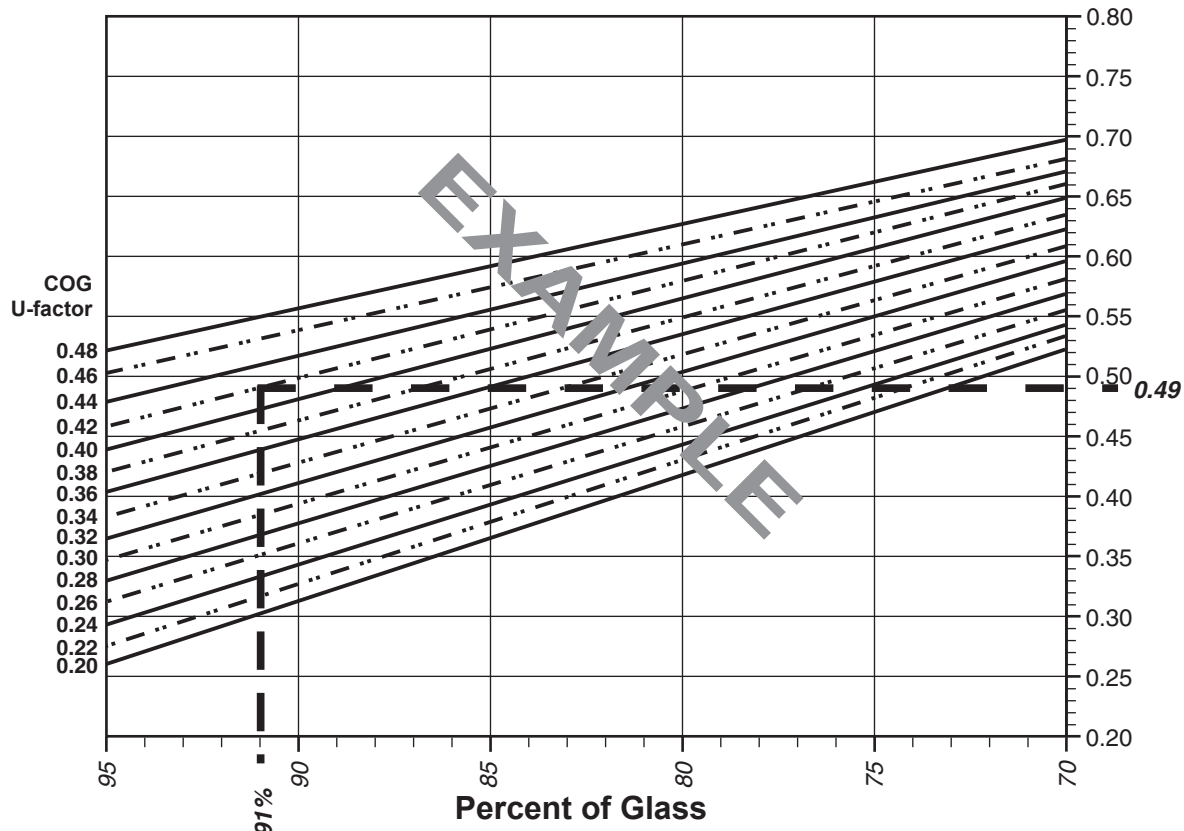
Example Glass U-factor = 0.42 Btu/hr·ft²·°F

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

Total Projected Area = (Total Daylight Opening + Total Area of Framing System)
 = 15' 8" x 9' 6" = 148.83ft²

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

System U-factor vs Percent of Glass Area



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

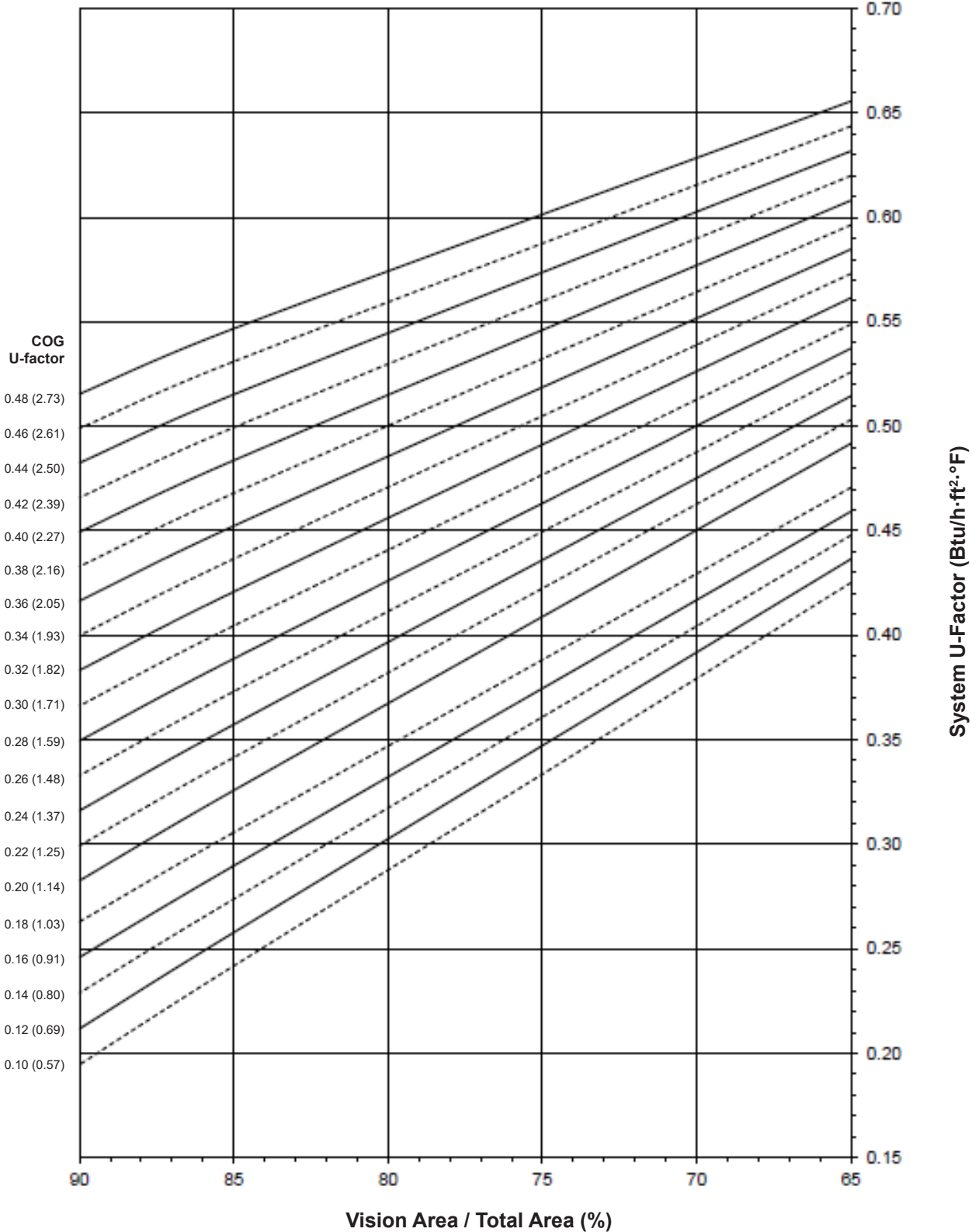
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Note:
 Values in parentheses are metric.
 COG=Center of Glass.
 Charts are generated per AAMA 507.

IR 501T Framing (575T514 Three Piece Mullion) System U-Factor for Vision Glass

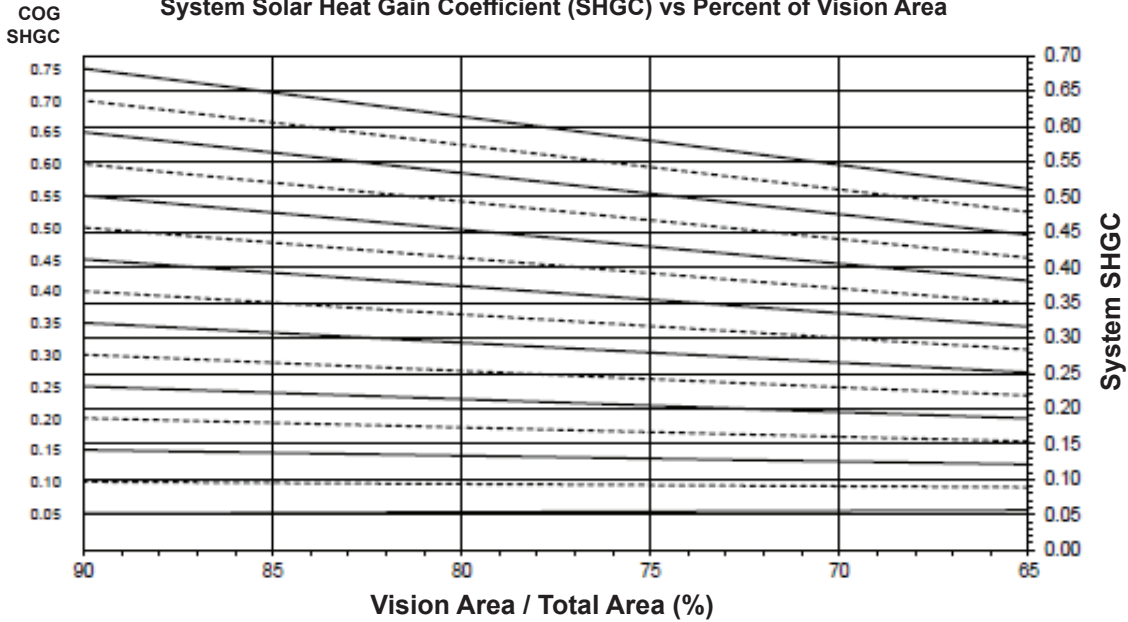


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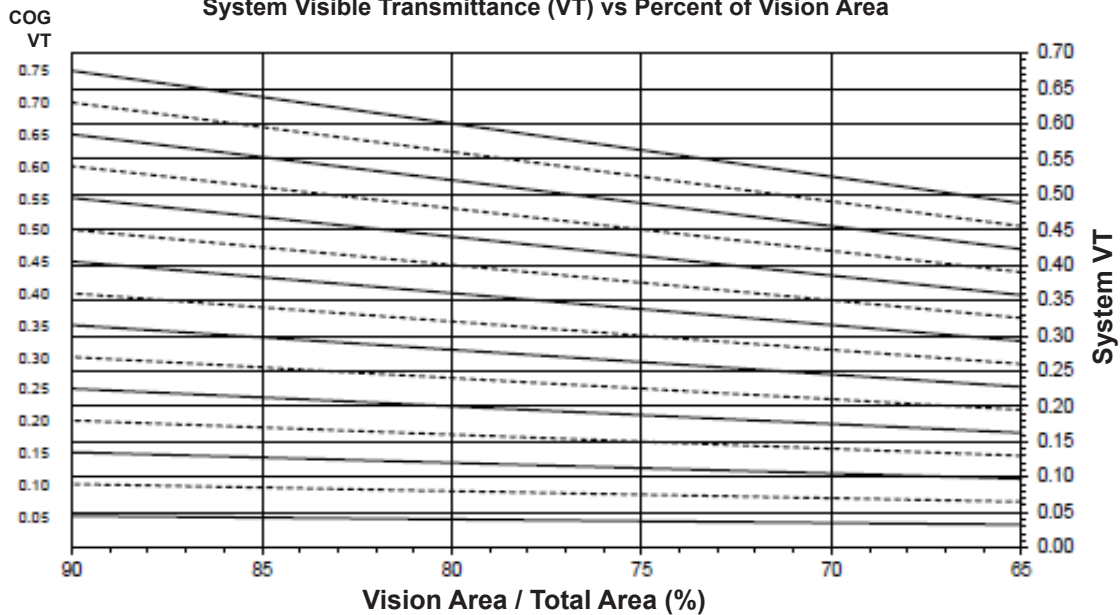


IR 501T Framing (575T514 Three Piece Mullion)
 System Solar Heat Gain Coefficient (SHGC) vs Percent of Vision Area



Charts are generated per AAMA 507.

IR 501T Framing (575T514 Three Piece Mullion)
 System Visible Transmittance (VT) vs Percent of Vision Area



Charts are generated per AAMA 507.

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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	0.44
0.32	0.42
0.30	0.40
0.28	0.39
0.26	0.37
0.24	0.36
0.22	0.34
0.20	0.33
0.18	0.31
0.16	0.29
0.14	0.27
0.12	0.26
0.10	0.24

**IR 501T Framing
(575T514 Three Piece Mullion)**

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	0.65
0.70	0.61
0.65	0.56
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	0.27
0.25	0.22
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	0.64
0.70	0.60
0.65	0.55
0.60	0.51
0.55	0.47
0.50	0.43
0.45	0.38
0.40	0.34
0.35	0.30
0.30	0.26
0.25	0.21
0.20	0.17
0.15	0.13
0.10	0.09
0.05	0.04

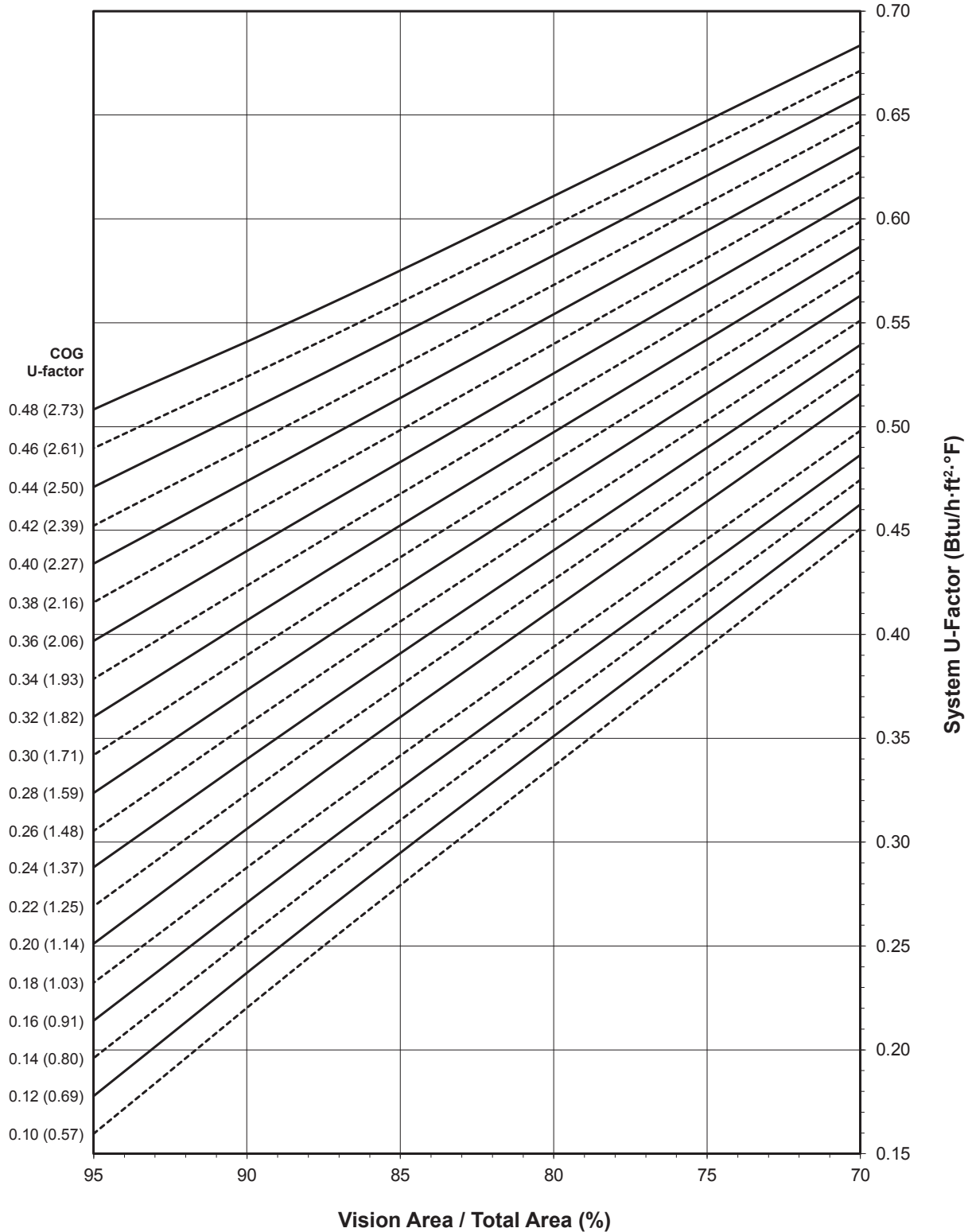
Laws and building and safety codes governing the design and use of Kawneer products, such as glazed entrance, window, and curtain wall products, vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

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

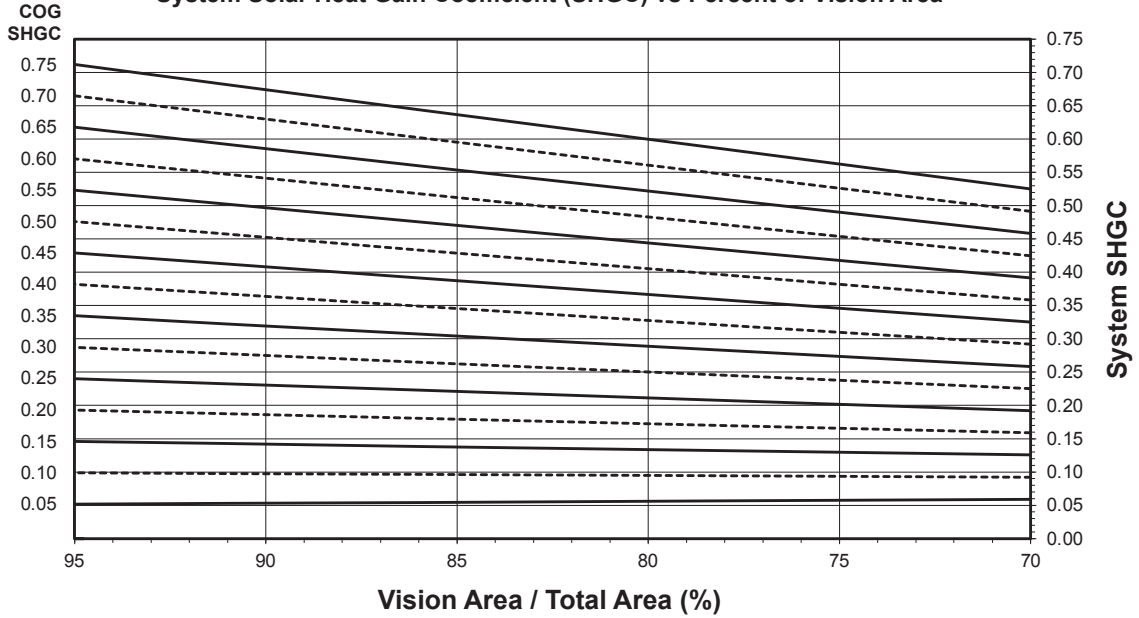
IR 501T Framing (575T521/575T522 Two Piece Mullion) System U-Factor for Vision Glass



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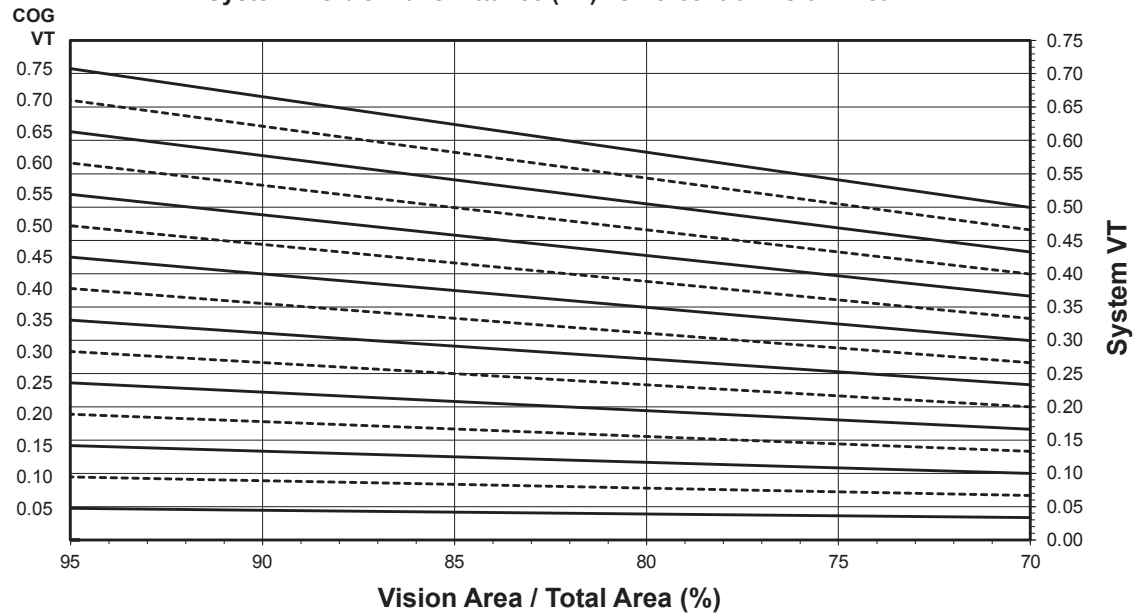
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IR 501T Framing (575T521/575T522 Two Piece Mullion) System Solar Heat Gain Coefficient (SHGC) vs Percent of Vision Area



Charts are generated per AAMA 507.

IR 501T Framing (575T521/575T522 Two Piece Mullion) System Visible Transmittance (VT) vs Percent of Vision Area



Charts are generated per AAMA 507.

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Thermal Transmittance¹ (BTU/hr • ft² • °F)

Glass U-Factor ³	Overall U-Factor ⁴
0.48	0.57
0.46	0.55
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	0.37
0.20	0.35
0.18	0.33
0.16	0.32
0.14	0.30
0.12	0.28
0.10	0.27

IR 501T Framing
(575T521/575T522 Two Piece Mullion)

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 Matrix²

Glass SHGC ³	Overall SHGC ⁴
0.75	0.64
0.70	0.60
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	0.31
0.30	0.26
0.25	0.22
0.20	0.18
0.15	0.14
0.10	0.10
0.05	0.05

Visible Transmittance²

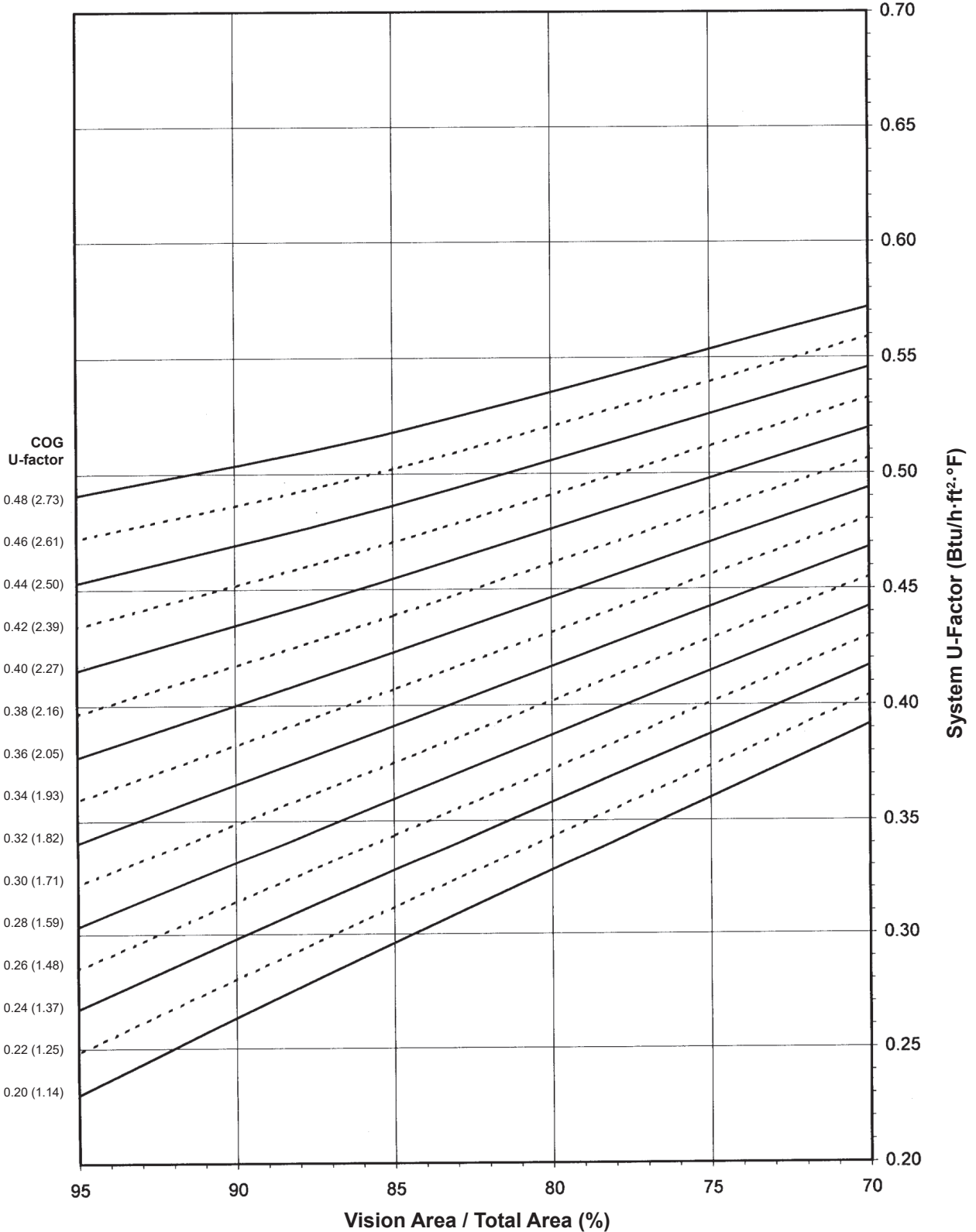
Glass VT ³	Overall VT ⁴
0.75	0.63
0.70	0.59
0.65	0.55
0.60	0.51
0.55	0.46
0.50	0.42
0.45	0.38
0.40	0.34
0.35	0.29
0.30	0.25
0.25	0.21
0.20	0.17
0.15	0.13
0.10	0.08
0.05	0.04

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

IR 501UT Framing System U-Factor for Vision Glass



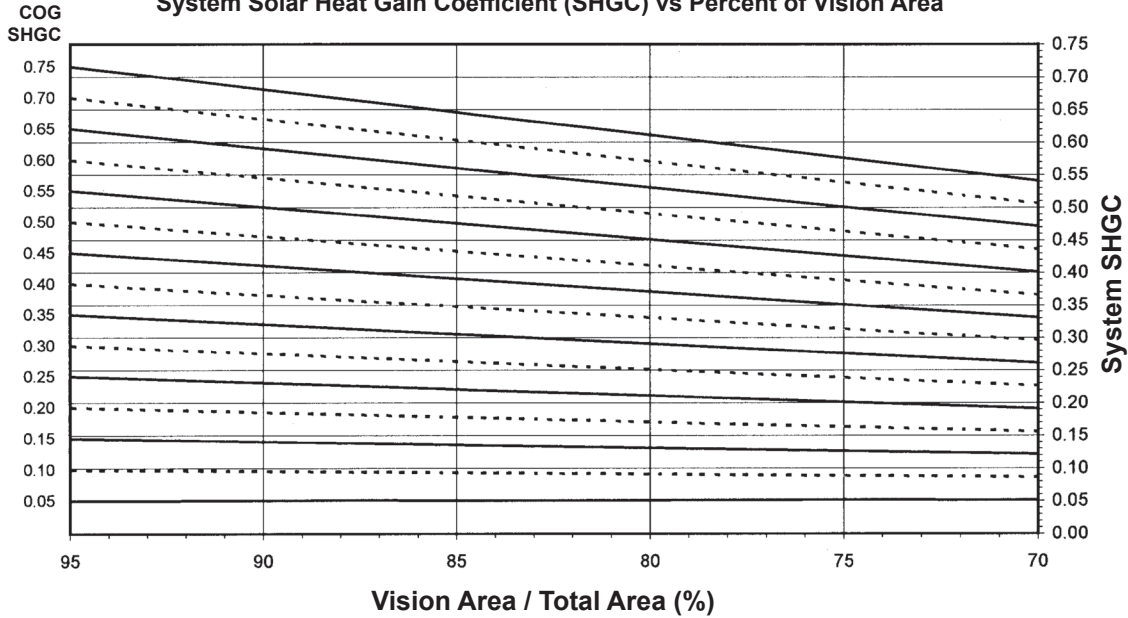
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IR 501UT Framing

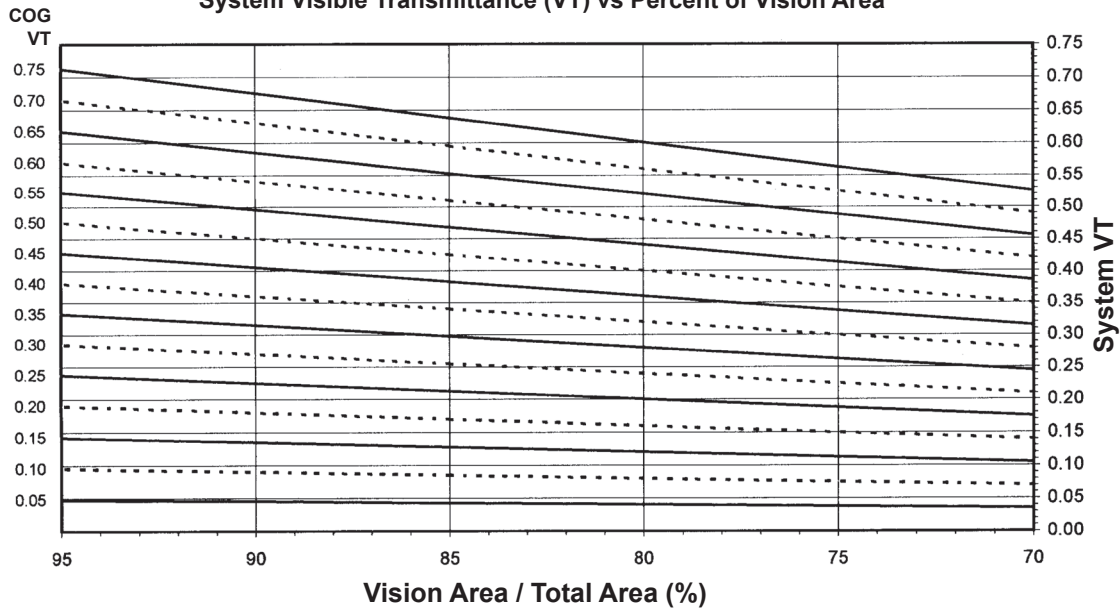
System Solar Heat Gain Coefficient (SHGC) vs Percent of Vision Area



Charts are generated per AAMA 507.

IR 501UT Framing

System Visible Transmittance (VT) vs Percent of Vision Area



Charts are generated per AAMA 507.

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Thermal Transmittance ¹ (BTU/hr • ft ² • °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	0.41
0.32	0.39
0.30	0.38
0.28	0.36
0.26	0.34
0.24	0.33
0.22	0.31
0.20	0.30

IR 501UT Framing

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	0.65
0.70	0.60
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	0.31
0.30	0.26
0.25	0.22
0.20	0.18
0.15	0.14
0.10	0.09
0.05	0.05

Visible Transmittance ²

Glass VT ³	Overall VT ⁴
0.75	0.64
0.70	0.60
0.65	0.55
0.60	0.51
0.55	0.47
0.50	0.43
0.45	0.38
0.40	0.34
0.35	0.30
0.30	0.26
0.25	0.21
0.20	0.17
0.15	0.13
0.10	0.09
0.05	0.04

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