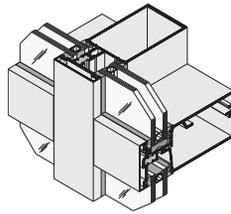
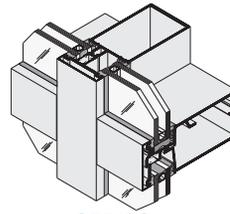


# CURTAIN WALLS

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**SERIES 4250T**  
Thermally Broken Interior  
Glazed Curtain Wall



**SERIES 4250**  
Non Thermal Interior  
Glazed Curtain Wall

**Thermally Broken**  
• Series 4250T  
**Non Thermal**  
• Series 4250

### SECTION J6

### PAGE

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Project: TAP Holdings; Deerfield, IL

Due to the diversity in state/provincial, local, and federal laws and codes that govern the design and application of architectural products, it is the responsibility of the individual architect, owner, and installer to ensure that products selected for use on projects comply with all applicable building codes and laws. U.S. Aluminum exercises no control over the use or application of its products, glazing materials, and operating hardware, and assumes no responsibility thereof.

The rapidly changing technology within the architectural aluminum products industry demands that U.S. Aluminum reserve the right to revise, discontinue or change any product line, specification or electronic media without prior written notice.

**NOTE:** Dimensions in parentheses ( ) are millimeters unless otherwise noted.

Other metric units shown in this publication are:  
 m - meter                                      Kg - kilogram  
 Pa - pascal                                      KPa - kilopascal  
 MPa - megapascal

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## Specifications

### SECTION 08 44 13 ALUMINUM CURTAIN WALL SYSTEMS

## Thermally Broken

### • Series 4250T

SERIES	FACE WIDTH	DEPTH	GLAZING INFILL	GLAZING METHOD
4250T	2-1/2" (63.5)	6" (152.4)	1" (25) and/or 1/4" (6)	Interior

#### I. GENERAL DESCRIPTION

Work Included: Furnish all necessary materials, labor, and equipment for the complete installation of aluminum framing as shown on the drawings and specified herein. (*Specifier Note: It is suggested that related items such as aluminum entrance doors, glass, and sealants be included whenever possible.*)

Work Not Included: Structural support of the framing system, interior closures, trim (*Specifier list other exclusions*).

Related Work Specified Elsewhere: (*Specifier list*).

#### QUALITY ASSURANCE

Drawings and specifications are based on the Series 4250T Thermal Curtain Wall System as manufactured by U.S. Aluminum. Whenever substitute products are to be considered, supporting technical literature, samples, drawings and performance data must be submitted 10 days prior to bid in order to make a valid comparison of the products involved.

#### PERFORMANCE REQUIREMENTS

**Air Infiltration:** shall be tested in accordance with ASTM E 283. Infiltration shall not exceed .06 CFM per square foot (.0003m<sup>3</sup>/sm<sup>2</sup>) of fixed area when tested at 6.24 psf (300 Pa).

**Water Infiltration:** shall be tested in accordance with ASTM E 331. No water penetration at test pressure of 12 psf (574 Pa).

**Structural Performance:** shall be tested in accordance with ASTM E 330 and based on:

- Maximum deflection of L/175 of the span
- Allowable stress with a safety factor of 1.65

The system shall perform to this criteria under a windload of (*Specify*) psf. System shall exceed maximum seismic lateral displacement requirements specified in section 1628.8.2 of the Uniform Building Code, 1994 edition. Upon successful completion of the Phase I seismic testing, the curtain wall shall once again be subjected to and must successfully pass the air and water infiltration tests specified above

before proceeding to Phase II testing. Structural Integrity - Manufacturer shall provide a Two Year Warranty on thermal framing against failure resulting from the following:

- Longitudinal or transverse thermal barrier shrinkage.
- Thermal barrier cracking.
- Structural failure of the thermal barrier material.
- Loss of adhesion or loss of prescribed edge pressure on the glazed material resulting in excessive air and water infiltration.

**Thermal Performance:** Series 4250T shall be tested in accordance with AAMA 1503, and NFRC-100.

#### Testing Procedures:

ASTM 283, E 331, and E 330 - Laboratory performance testing. AAMA 503-08 - Newly installed curtain wall. AAMA 511-08 - Installed curtain wall after six months.

#### II. PRODUCTS MATERIALS

Extrusions shall be 6063-T5 alloy and temper (ASTM B221 alloy T5 temper), thermally broken by a two part chemically cured high density polyurethane. To ensure that composite strength remains unaltered during thermal cycling, a mechanical bond between the aluminum and the thermal filling shall be created by mechanically abrading the extrusion thermal cavity prior to filling with the polyurethane polymer. Fasteners, where exposed, shall be aluminum, stainless steel or zinc plated steel in accordance with ASTM A 164. Perimeter anchors shall be aluminum or steel, providing the steel is properly isolated from the aluminum. Glazing gaskets shall be E.P.D.M. elastomeric extrusions.

#### FINISH

All exposed framing surfaces shall be free of scratches and other serious blemishes. Aluminum extrusions shall be given a caustic etch followed by an anodic oxide treatment to obtain... (*Specify one of the following*):

- \_\_\_ #11 Clear anodic coating
- \_\_\_ #22 Dark Bronze anodic coating
- \_\_\_ #33 Black anodic coating

A Fluoropolymer paint coating conforming with the requirements of AAMA 2605. Color shall be (*Specify a U. S. Aluminum standard color*).

#### FABRICATION

The curtain wall system shall provide for both vertical and horizontal members to project a maximum of 3/4" (19) to the exterior. Provisions shall be made at sealed horizontals to weep moisture accumulations to the exterior. Spandrel horizontals shall feature a gutter to collect moisture and weep it to the exterior. Vertical and horizontal components shall be designed for complete inside glazing of spandrel and vision glass. Provisions shall be made for re-glazing of spandrel from exterior without removal of vision lights. Vertical splices shall be designed to provide adequate space for thermal expansion. Splice sleeves will ensure the seal and weatherability of the splice joints. System shall provide for expansion and contraction of component materials as will be required by an ambient temperature range of 120 degrees F (49°C) without causing harmful buckling or cracking, opening of joints, undue stress on fasteners or other effects detrimental to weathering performance. The system shall accommodate 1" (25) infill with provision for 1/4" (6) infill at spandrel areas.

#### III. EXECUTION INSTALLATION

All glass framing shall be set in correct locations as shown in the details and shall be level, square, plumb, and in alignment with other work in accordance with the manufacturer's installation instructions and approved shop drawings. All joints between framing and the building structure shall be sealed in order to secure a watertight installation.

#### PROTECTION AND CLEANING

After installation the General Contractor shall adequately protect exposed portions of aluminum surfaces from damage by grinding and polishing compounds, plaster, lime, acid, cement or other contaminants. The General Contractor shall be responsible for final cleaning.

# CURTAIN WALLS

## Specifications

**Non Thermal**  
• Series 4250

### SECTION 08 44 13 ALUMINUM CURTAIN WALL SYSTEMS

SERIES	FACE WIDTH	DEPTH	GLAZING INFILL	GLAZING METHOD
4250	2-1/2" (63.5)	6" (152.4)	1" (25) and/or 1/4" (6)	Interior

#### I. GENERAL DESCRIPTION

Work Included: Furnish all necessary materials, labor, and equipment for the complete installation of aluminum framing as shown on the drawings and specified herein. (*Specifier Note: It is suggested that related items such as aluminum entrance doors, glass, and sealants be included whenever possible.*)

Work Not Included: Structural support of the framing system, interior closures, trim. (*Specifier list other exclusions*).  
Related Work Specified Elsewhere: (*Specifier list*).

#### QUALITY ASSURANCE

Drawings and specifications are based on the Series 4250 Curtain Wall System as manufactured by U.S. Aluminum. Whenever substitute products are to be considered, supporting technical literature, samples, drawings, and performance data must be submitted 10 days prior to bid in order to make a valid comparison of the products involved. Test reports certified by an independent test laboratory must be made available upon request.

#### PERFORMANCE REQUIREMENTS

**Air Infiltration:** shall be tested in accordance with ASTM E 283. Infiltration shall not exceed .06 CFM per square foot (.0003m<sup>3</sup>/sm<sup>2</sup>) of fixed area when tested at 6.24 psf (300 Pa).

**Water Infiltration:** shall be tested in accordance with ASTM E 331.

No water penetration at test pressure of 12 psf (574 Pa).

**Structural Performance:** shall be tested in accordance with ASTM E 330 and based on:

- Maximum deflection of L/175 of the span
- Allowable stress with a safety factor of 1.65

The system shall perform to this criteria under a windload of (*Specify*) psf.

System shall exceed maximum seismic lateral displacement requirements specified in section 1628.8.2 of the Uniform Building Code, 1994 edition. Upon successful completion of the Phase I seismic testing, the curtain wall shall once again be subjected to and must successfully pass the air and water infiltration tests specified above before proceeding to Phase II testing.

#### Testing Procedures:

ASTM 283, E 331, and E 330 - Laboratory performance testing. AAMA 503-08 - Newly installed curtain wall. AAMA 511-08 - Installed curtain walls after six months.

#### II. PRODUCTS MATERIALS

Extrusions shall be 6063-T5 alloy and temper (ASTM B221 alloy T5 temper). Fasteners, where exposed, shall be aluminum, stainless steel or zinc plated steel in accordance with ASTM A 164. Perimeter anchors shall be aluminum or steel, providing the steel is properly isolated from the aluminum. Glazing gaskets shall be E.P.D.M. elastomeric extrusions.

#### FINISH

All exposed framing surfaces shall be free of scratches and other serious blemishes. Aluminum extrusions shall be given a caustic etch followed by an anodic oxide treatment to obtain...

(*Specify one of the following*):

- \_\_\_\_ #11 Clear anodic coating
- \_\_\_\_ #22 Dark Bronze anodic coating
- \_\_\_\_ #33 Black anodic coating

A Fluoropolymer paint coating conforming with the requirements of AAMA 2605. Color shall be (*Specify a U.S. Aluminum standard color*).

#### FABRICATION

The curtain wall system shall provide for both vertical and horizontal members to project a maximum of 3/4" (19) to the exterior. Provisions shall be made at

sealed horizontals to weep moisture accumulations to the exterior.

Spandrel horizontals shall feature a gutter to collect moisture and weep it to the exterior. Vertical and horizontal components shall be designed for complete inside glazing of spandrel and vision glass. Provisions shall be made for re-glazing of spandrel from exterior without removal of vision lights. Vertical splices shall be designed to provide adequate space for thermal expansion. Splice sleeves will ensure the seal and weatherability of the splice joints. System shall provide for expansion and contraction of component materials as will be required by an ambient temperature range of 120 degrees F (49° C) without causing harmful buckling or cracking, opening of joints, undue stress on fasteners or other effects detrimental to weathering performance. The system shall accommodate 1" (25) infill with provision for 1/4" (6) infill at spandrel areas.

#### III. EXECUTION INSTALLATION

All glass framing shall be set in correct locations as shown in the details and shall be level, square, plumb, and in alignment with other work in accordance with the manufacturer's installation instructions and approved shop drawings. All joints between framing and the building structure shall be sealed in order to secure a watertight installation.

#### PROTECTION AND CLEANING

After installation the General Contractor shall adequately protect exposed portions of aluminum surfaces from damage by grinding and polishing compounds, plaster, lime, acid, cement or other contaminants. The General Contractor shall be responsible for final cleaning.

# CURTAIN WALLS

## Technical Data

### Thermally Broken

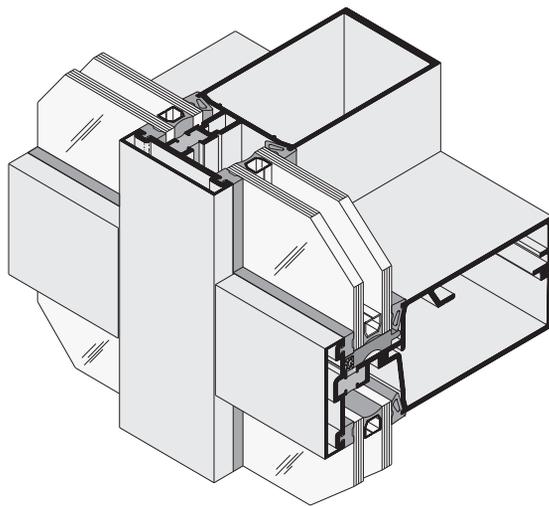
- Series 4250T

### Non Thermal

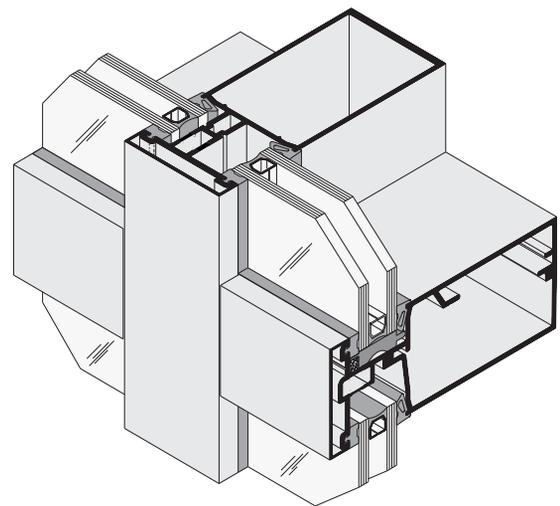
- Series 4250

Series 4250T Curtain Wall is a stick-erected, interior-glazed curtain wall utilizing a pocket set design and E.P.D.M. compression glazing gaskets. This system features the Poly-Aluminizer™ thermal break technology. It was specifically engineered to satisfy the increasing demands for energy conservation. Dual colors can be achieved by specifying different finishes for the exterior face covers and the interior mullions. Two piece horizontals and shear blocks allow for a concealed horizontal to vertical joinery without exposed screws. These joint intersections also have concealed injection molded end dams for controlling any infiltrated water.

**NOTE:** Series 4250 offers the same features, except it is not thermally broken.



**SERIES 4250T**  
Thermally Broken Interior  
Glazed Curtain Wall



**SERIES 4250**  
Non Thermal Interior  
Glazed Curtain Wall

SERIES	WIDTH	DEPTH	GLAZING INFILL	APPLICATIONS
4250T 4250	2-1/2" (63.5)	6" (152.4)	1" (25) and/or 1/4" (6)	Low-Rise to Mid-Rise Buildings Where Interior Glazing is Desired.

GLASS SIZES*	
Glass Width and Height	= Daylight Opening + 15/16" (23.8)

\* These formulae do not take into account glass tolerances. Consult glass manufacturer before ordering glass.

# CURTAIN WALLS

## Special Features

### Thermally Broken

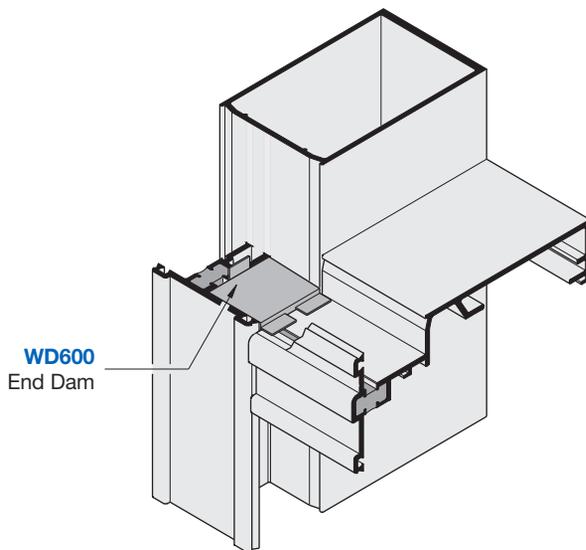
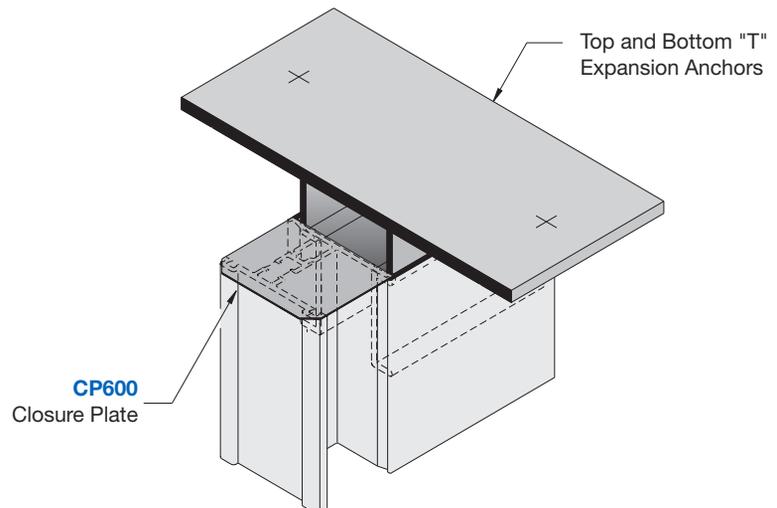
- Series 4250T

### Non Thermal

- Series 4250

Install Injection Molded Closure Plates at top and bottom of verticals to ensure a continuous perimeter seal.

Slide top and bottom "T" Anchors into vertical mullions. Install vertical mullions plumb and level. Secure top and bottom "T" Anchors to structure. See page 17-J6 for additional information.

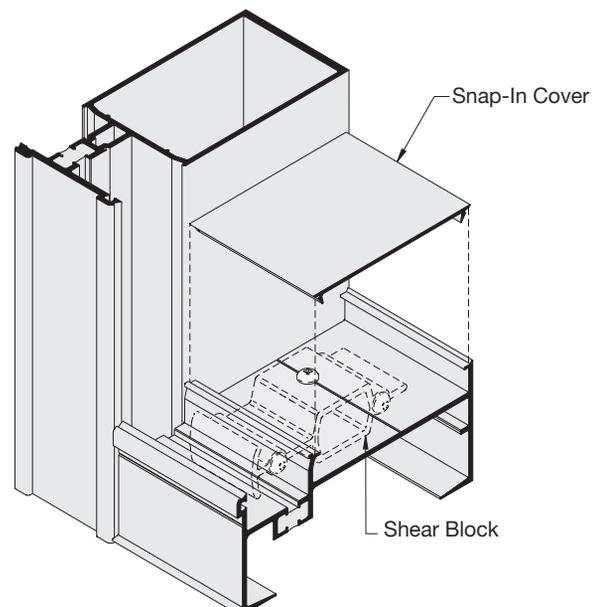


Injected Molded End Dams are for controlling any infiltrated water. Apply sealant to the four contact sides of end dams and slide between vertical and horizontal joint as shown. See page 17-J6 for additional information.

Sill Members are designed with Snap-In Covers to conceal fasteners.

Head and intermediate horizontal mullions are also designed to conceal the fasteners which attach to the Shear Block. See page 17-J6 for additional information.

**NOTE:** To accelerate installation times with pinpoint accuracy of Horizontal Shear Blocks to Curtain Wall Mullions see pages 56-P1 and 57-P1.



# CURTAIN WALLS

## Typical Details

### VERTICAL MULLIONS FOR 1" (25) GLAZING

**NOTE:** Part numbers shown are available in 24' (7.3 m) stock lengths. Visit [usalum.com](http://usalum.com) for more information.

P	T	6	0	0
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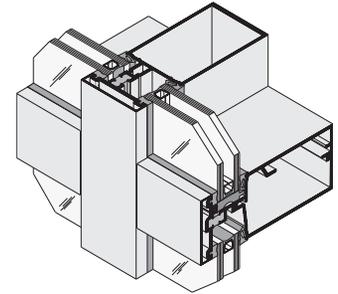
Two digit Part Number prefix ending in "T" represents THERMALLY BROKEN parts. Thermal parts are in **BOLD** print. **4250T** details are typically shown.

### Thermally Broken

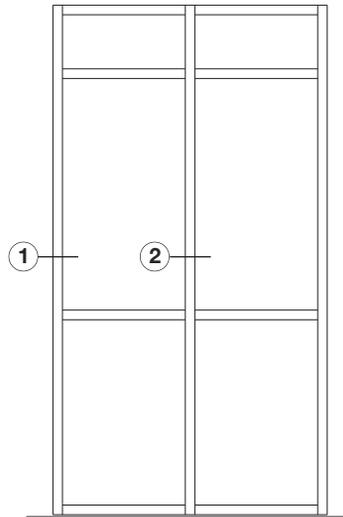
- Series 4250T

### Non Thermal

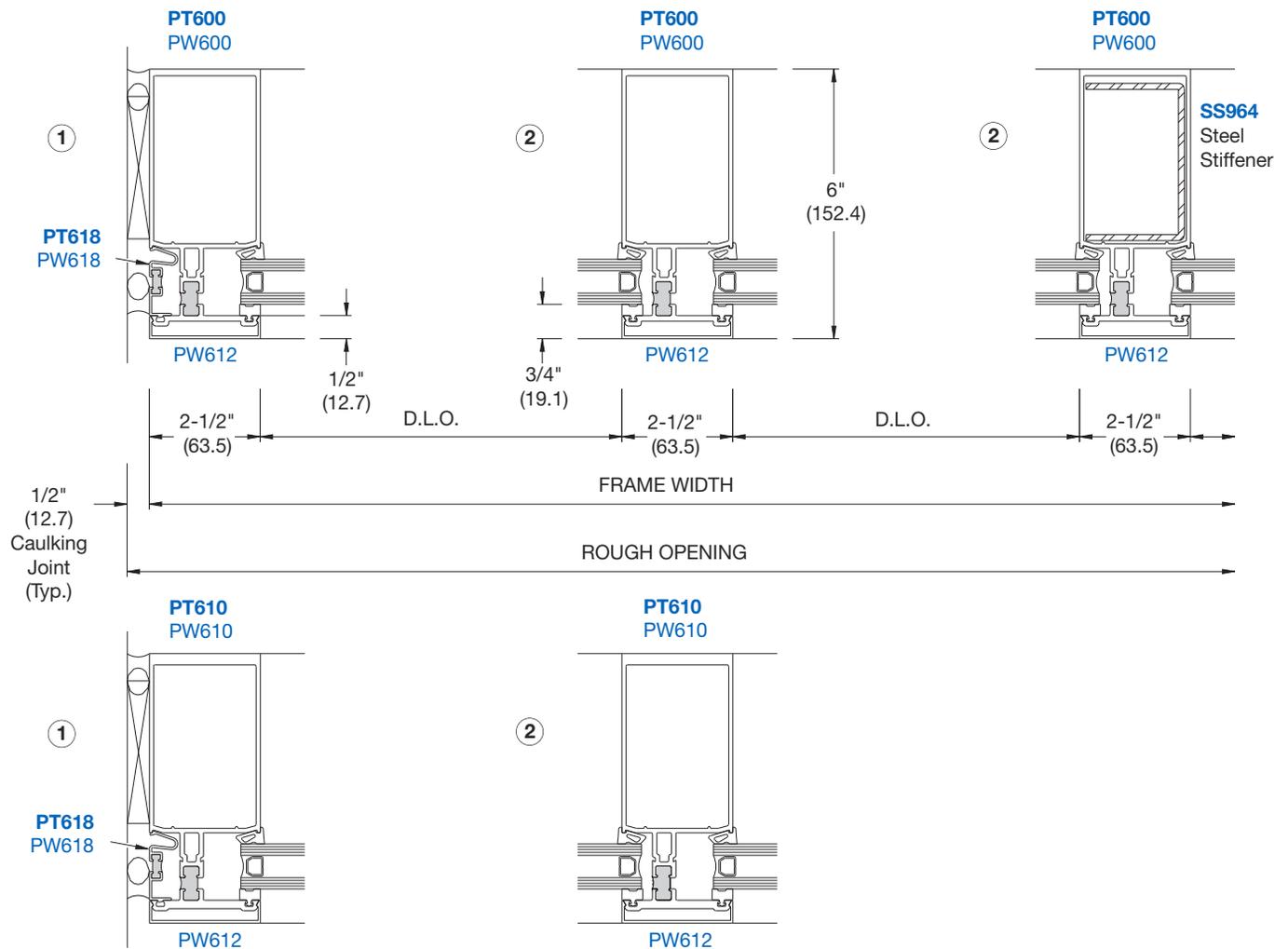
- Series 4250



**SERIES 4250T**  
Thermally Broken Interior Glazed Curtain Wall



TYPICAL ELEVATION



HEAVY WALL VERTICALS

NOT TO SCALE

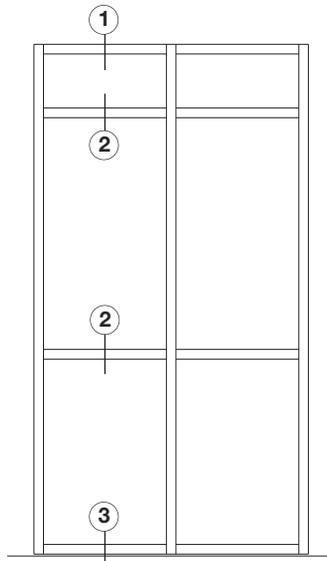
# CURTAIN WALLS

## Typical Details

### HORIZONTAL MULLIONS FOR 1" (25) GLAZING

**NOTE:** Part numbers shown are available in 24' (7.3 m) stock lengths. Visit [usalum.com](http://usalum.com) for more information.

**NOTE:** The **PW613** Beveled Face Cap (Shown) is Standard for Horizontal Members. The **CW901** Square Face Cap is Optional.



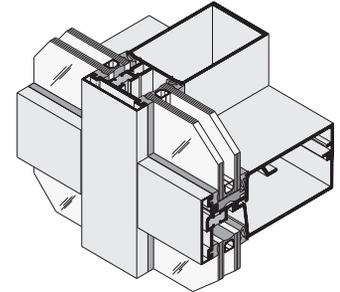
TYPICAL ELEVATION

### Thermally Broken

- Series 4250T

### Non Thermal

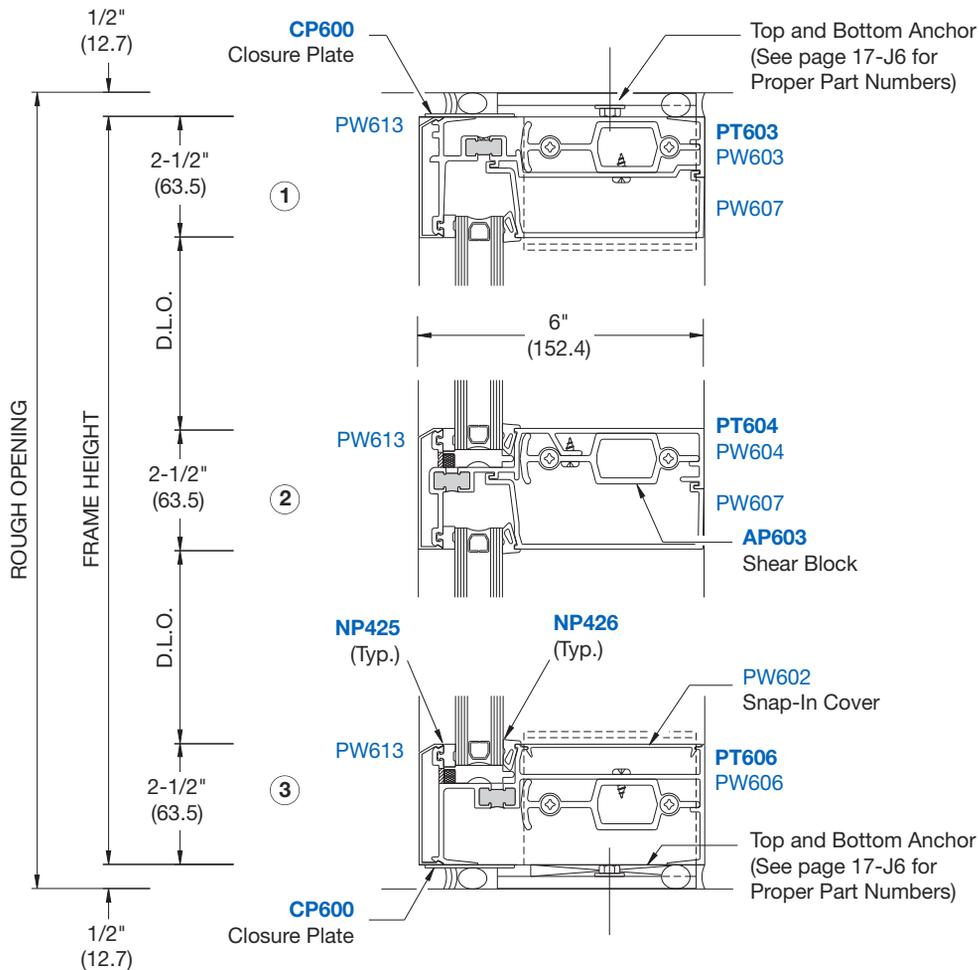
- Series 4250



**SERIES 4250T**  
Thermally Broken  
Interior Glazed  
Curtain Wall

**P T 6 0 0**

Two digit Part Number prefix ending in "T" represents THERMALLY BROKEN parts. Thermal parts are in **BOLD** print. **4250T** details are typically shown.



NOT TO SCALE

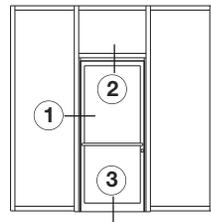
# CURTAIN WALLS

## Typical Details

### DOOR FRAMING

**NOTE:** Door Frames are available in stock to accommodate 36" x 84" (914 x 2134) and 72" x 84" (1829 x 2134) door openings. Visit [usalum.com](http://usalum.com) for more information.

**NOTE:** The **PW613** Beveled Face Cap (shown) is standard for Horizontal Members. The **CW901** Square Face Cap is Optional.



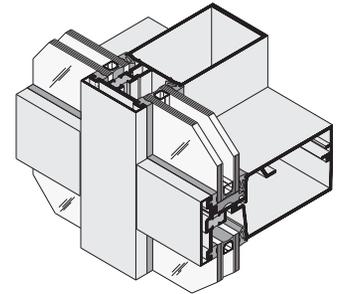
CENTER HUNG DOOR

### Thermally Broken

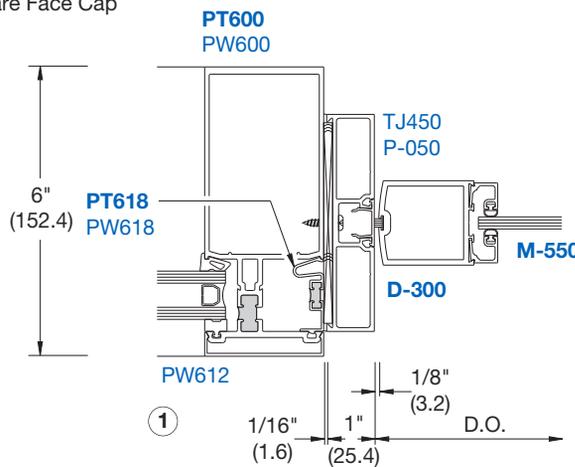
- Series 4250T

### Non Thermal

- Series 4250

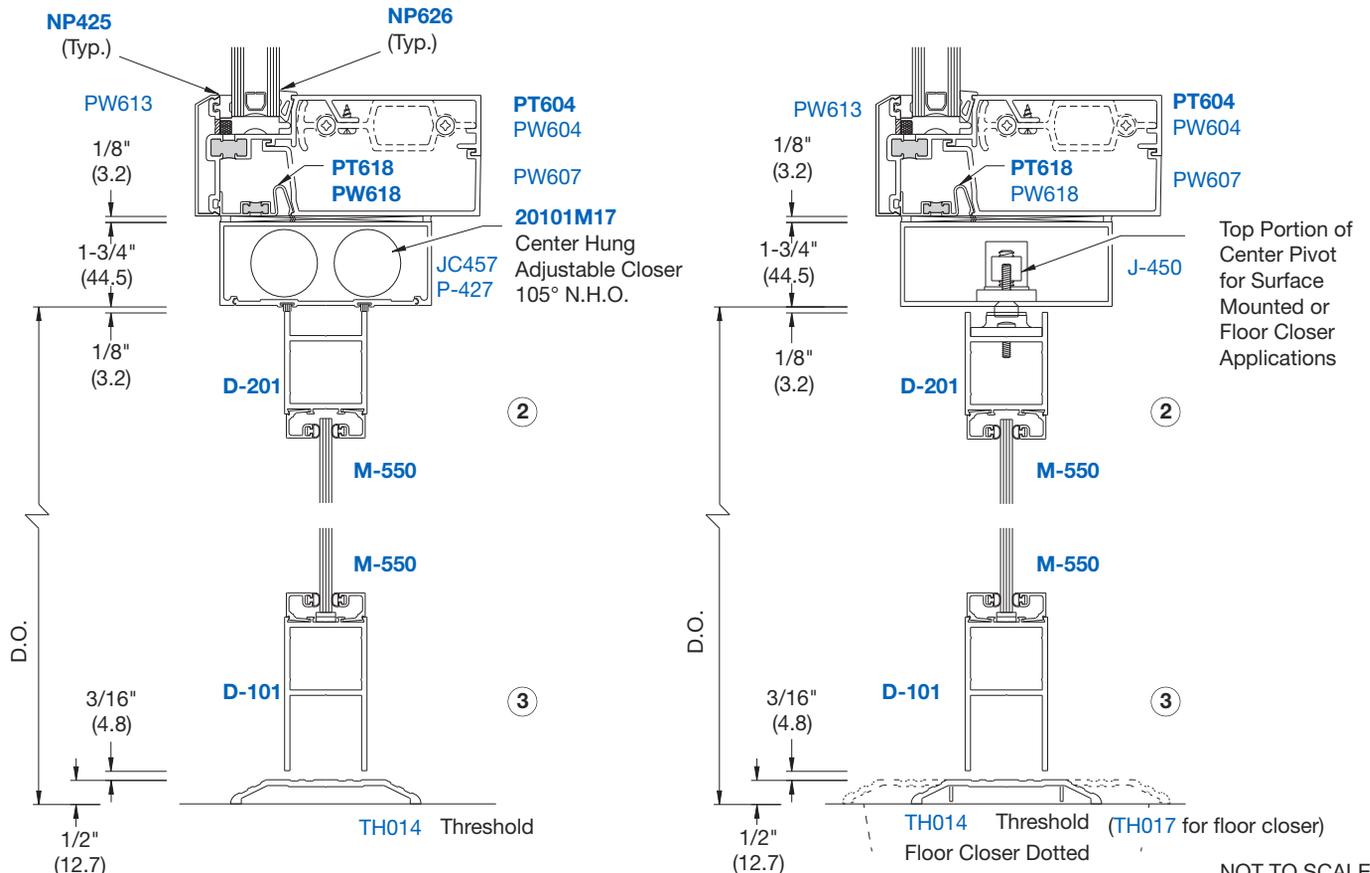


**SERIES 4250T**  
Thermally Broken  
Interior Glazed  
Curtain Wall



P	T	6	0	0
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Two digit Part Number prefix ending in "T" represents THERMALLY BROKEN parts. Thermal parts are in **BOLD** print. **4250T** details are typically shown.



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# CURTAIN WALLS

## Typical Details

## Thermally Broken

• Series 4250T

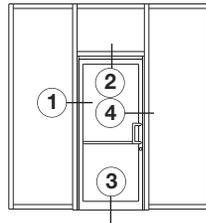
## Non Thermal

• Series 4250

### DOOR FRAMING

**NOTE:** Door Frames are available in stock to accommodate 36" x 84" (914 x 2134) and 72" x 84" (1829 x 2134) door openings. Visit [usalum.com](http://usalum.com) for more information.

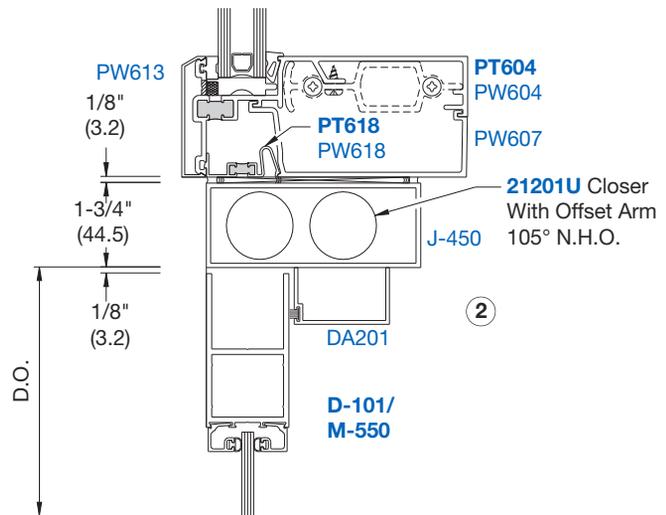
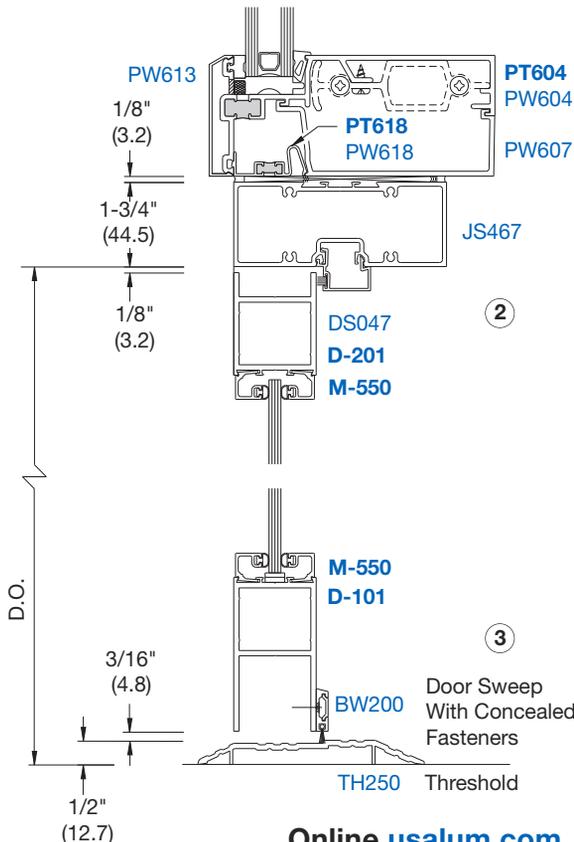
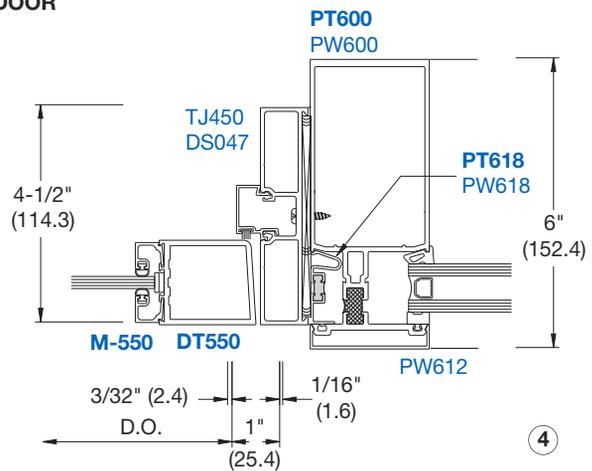
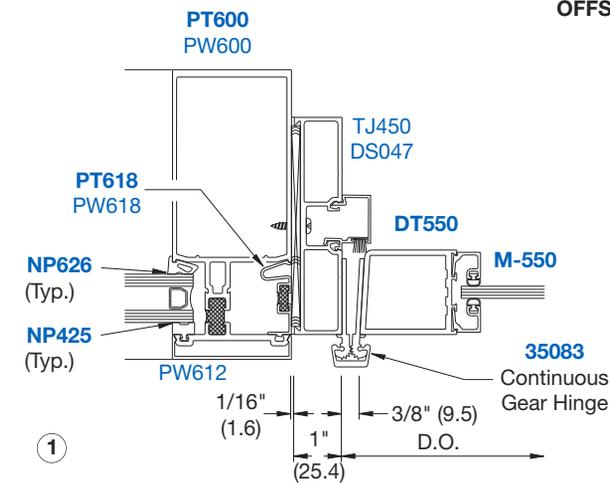
**NOTE:** The **PW613** Beveled Face Cap (shown) is Standard for Horizontal Members. The **CW901** Square Face Cap is Optional.



P	T	6	0	0
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Two digit Part Number prefix ending in "T" represents THERMALLY BROKEN parts. Thermal parts are in **BOLD** print. **4250T** details are typically shown.

OFFSET HUNG DOOR



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# CURTAIN WALLS

## Typical Details

### 90 DEGREE CORNER CONDITIONS

### Thermally Broken

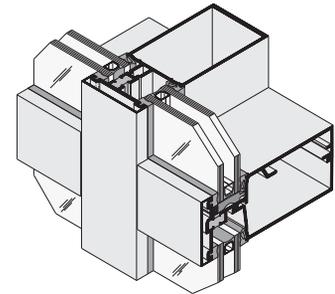
- Series 4250T

### Non Thermal

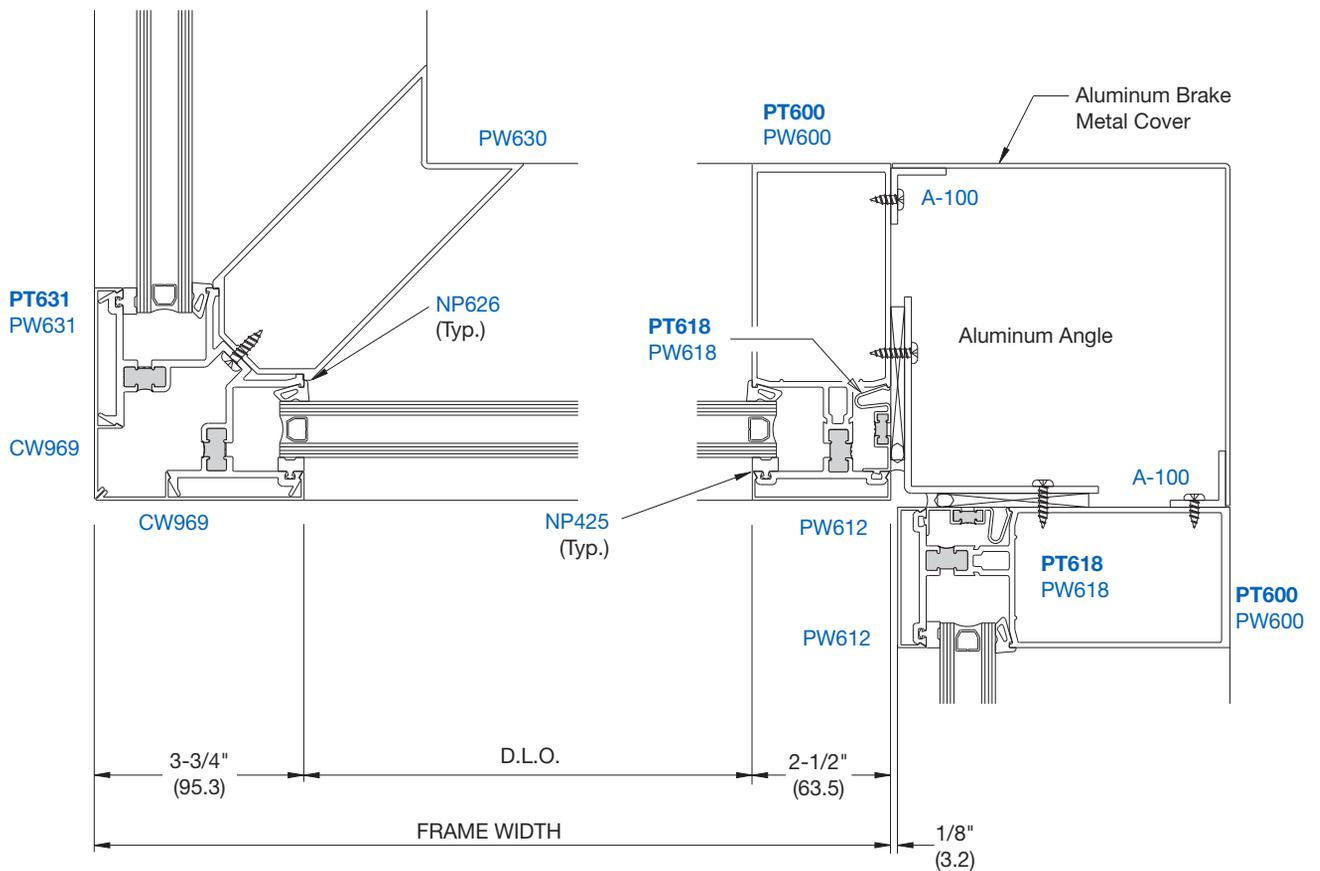
- Series 4250

P	T	6	0	0
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Two digit Part Number prefix ending in "T" represents THERMALLY BROKEN parts. Thermal parts are in **BOLD** print. **4250T** details are typically shown.



**SERIES 4250T**  
 Thermally Broken  
 Interior Glazed  
 Curtain Wall



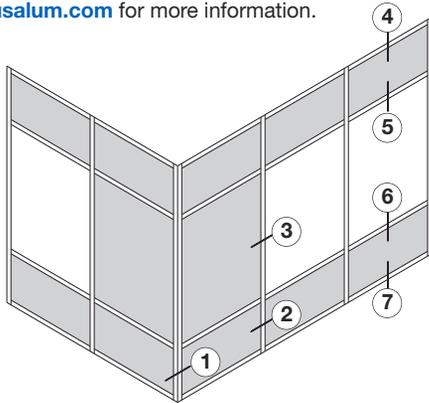
NOT TO SCALE

# CURTAIN WALLS

## Typical Details

### 1" (25) TO 1/4" (6) TRANSITION GLAZING

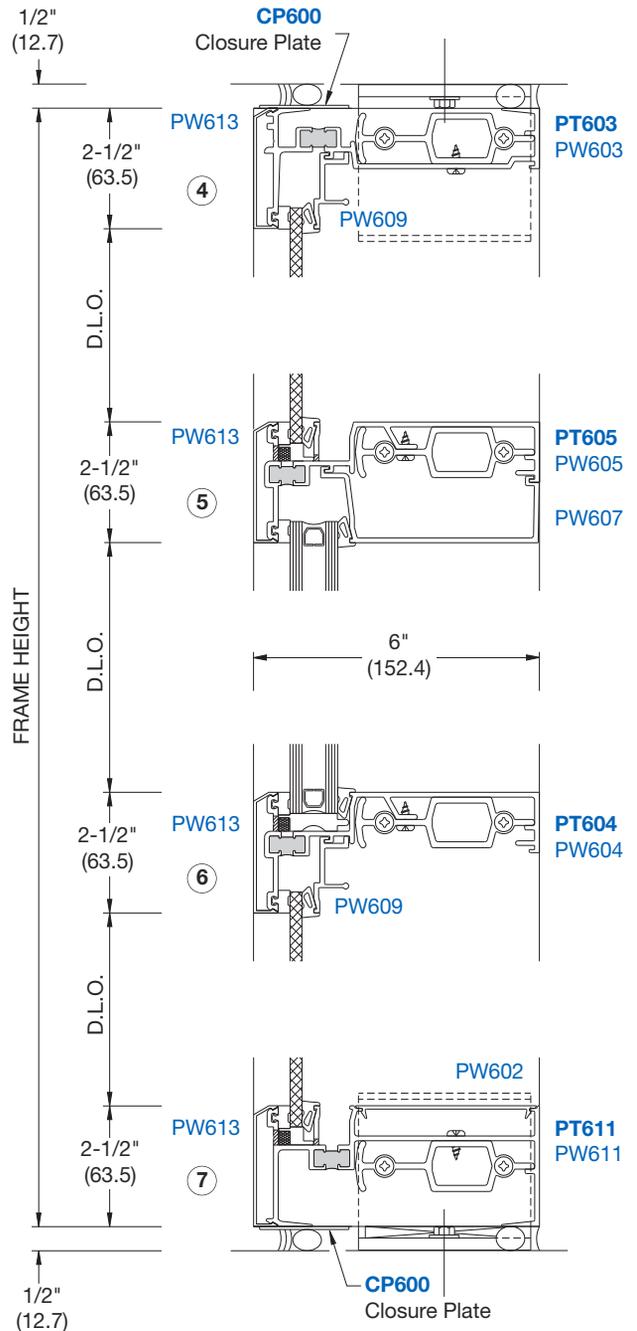
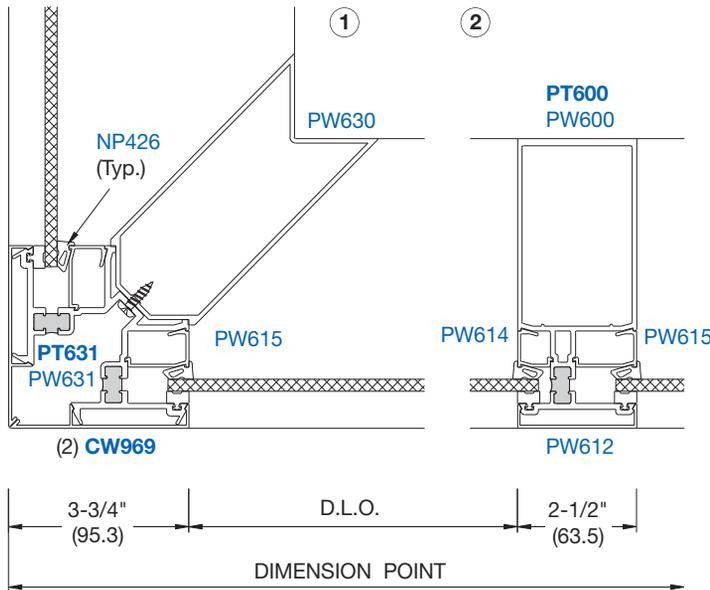
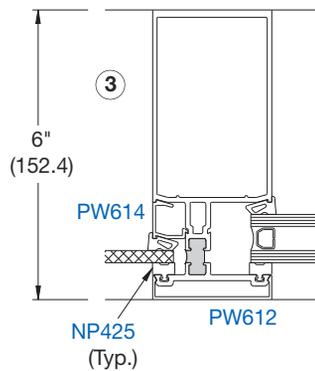
**NOTE:** Part numbers shown are available in 24' (7.3 m) stock lengths. Visit [usalum.com](http://usalum.com) for more information.



TYPICAL ELEVATION

P	T	6	0	0
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Two digit Part Number prefix ending in "T" represents THERMALLY BROKEN parts. Thermal parts are in **BOLD** print. **4250T** details are typically shown.



## Thermally Broken

- Series 4250T

## Non Thermal

- Series 4250

**NOTE:** The PW613 Beveled Face Cap (shown) is Standard for Horizontal Members. The CW901 Square Face Cap is Optional.

NOT TO SCALE

# CURTAIN WALLS

## Typical Details

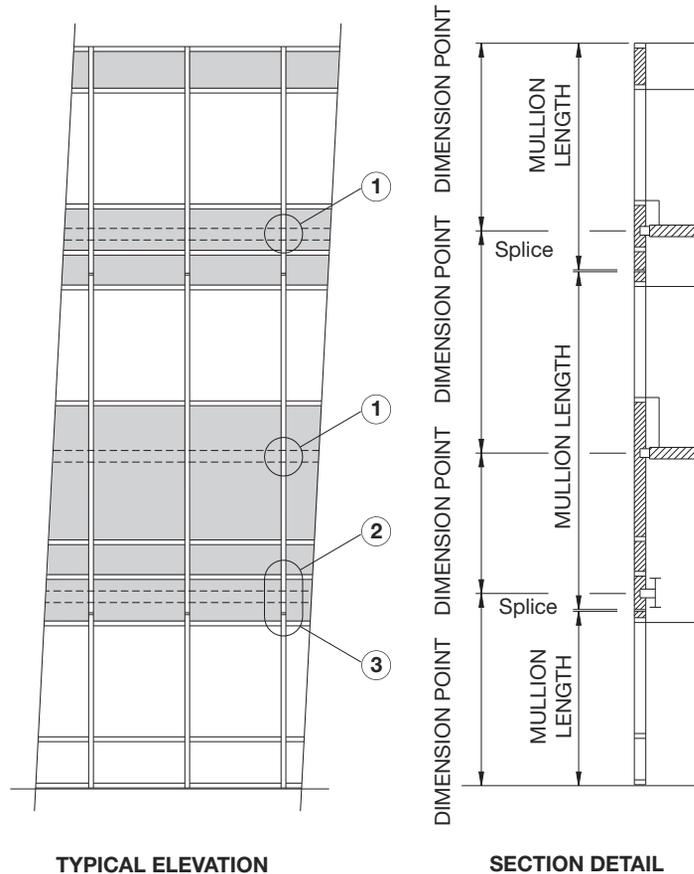
**Thermally Broken**

- Series 4250T

**Non Thermal**

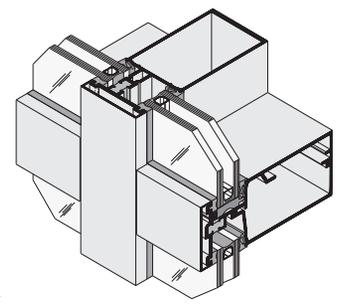
- Series 4250

### MID-SPAN ANCHORS AND MULLION SPLICE

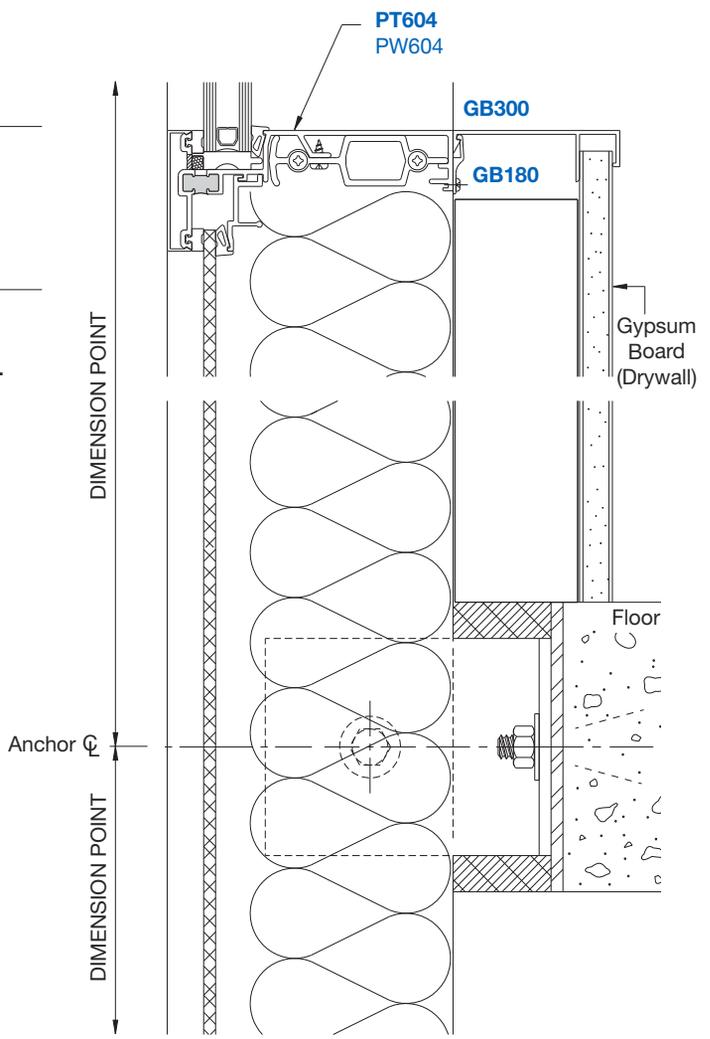


**P T 6 0 0**

Two digit Part Number prefix ending in "T" represents THERMALLY BROKEN parts. Thermal parts are in **BOLD** print. **4250T** details are typically shown.



**SERIES 4250T**  
Thermally Broken Interior Glazed Curtain Wall



**1**  
**FIXED ANCHOR (DEADLOAD ANCHOR)**

**NOTE:** Anchor Type and Size varies per job requirements.

NOT TO SCALE

# CURTAIN WALLS

## Typical Details

**Thermally Broken**

• Series 4250T

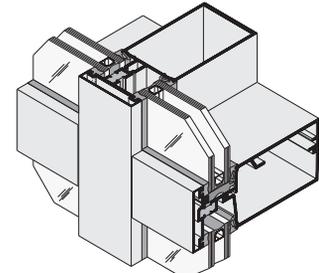
**Non Thermal**

• Series 4250

### MID-SPAN ANCHORS AND MULLION SPLICE

P	T	6	0	0
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Two digit Part Number prefix ending in "T" represents THERMALLY BROKEN parts. Thermal parts are in **BOLD** print. **4250T** details are typically shown.



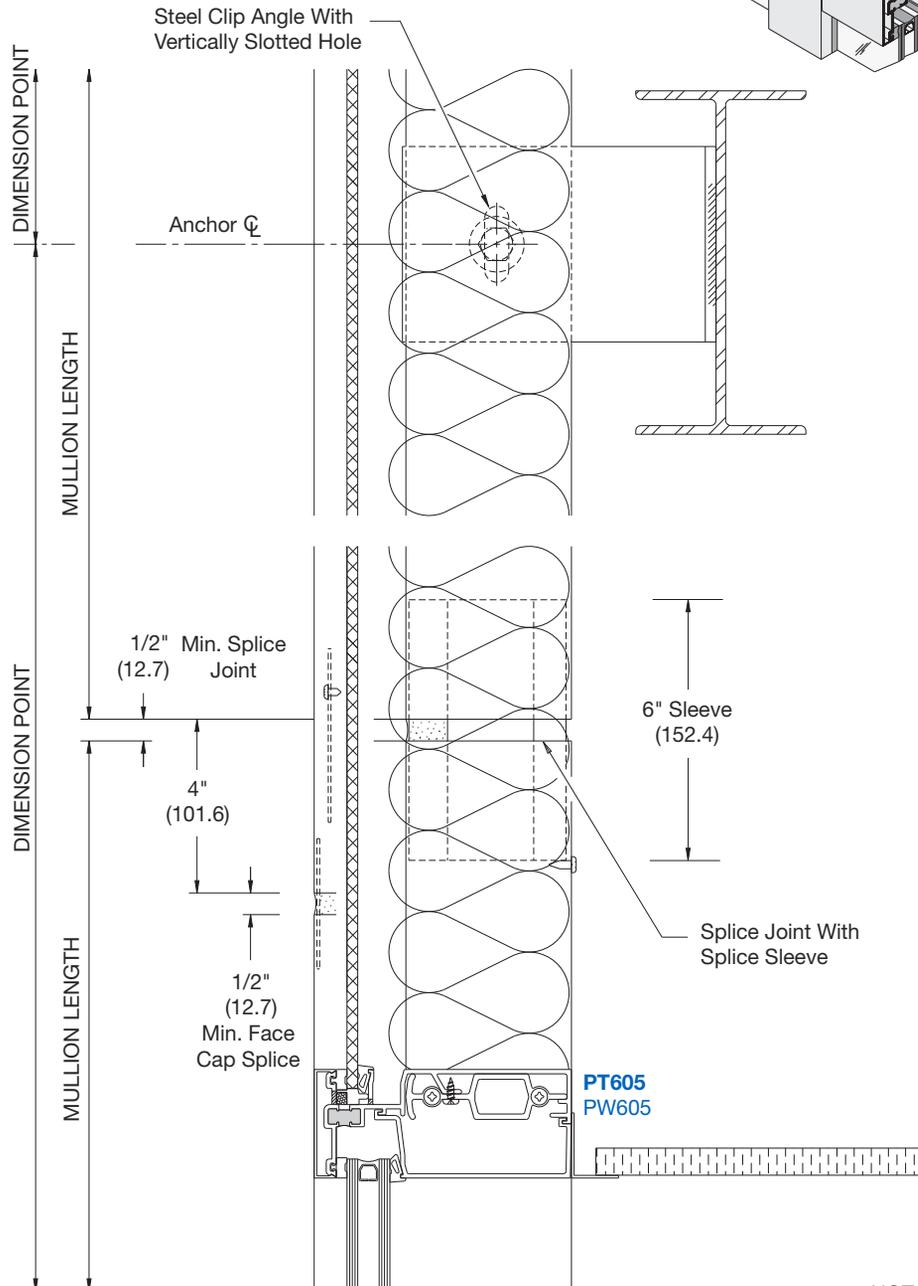
**SERIES 4250T**  
Thermally Broken  
Interior Glazed  
Curtain Wall

**2**  
**EXPANSION ANCHOR  
(WINDLOAD ANCHOR)**

**NOTE:** Anchor Type and Size varies per job requirements.

**3**  
**SPLICE JOINT**

**NOTE:** Joint Width should be based on Mullion Length and Temperature Differential. A 1/2" (12.7) gap allows for 1/4" (6.4) movement.



NOT TO SCALE

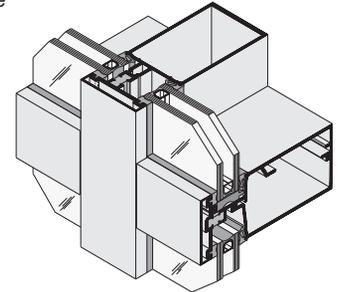
## Windload Charts

### VERTICAL MULLIONS FOR 1" (25) GLAZING

Deflection criteria to be in accordance with AAMA TIR-A11 - L/175 or L/240 + 1/4" (6.4 mm) for spans greater than 13'-6" (4.1 m) but less than 40'-0" (12.2 m). Codes and specifications may vary. No single lite of glass shall deflect more than 3/4" (19 mm). Glass is not considered as contributing to resistance of deflection. Aluminum alloy 6063-T6 allowable stress for windload is 15,200 psi. (89 MPa), and steel reinforcing allowable stress for windload is 21,600 psi. (183 MPa).

These charts include unbraced length analysis and are based on at least one horizontal being placed at the midpoint of the span. For other applications, please contact U.S. Aluminum Technical Sales at (800) 262-5151, or visit our web site at [usalum.com](http://usalum.com).

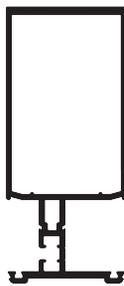
**Thermally Broken**  
• Series 4250T  
**Non Thermal**  
• Series 4250



**SERIES 4250T**  
Thermally Broken  
Interior Glazed  
Curtain Wall

**P T 6 0 0**

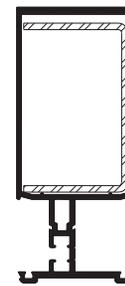
Two digit Part Number prefix ending in "T" represents THERMALLY BROKEN parts. Thermal parts are in **BOLD** print.



**PW600** Vertical (shown)  
**PT600**

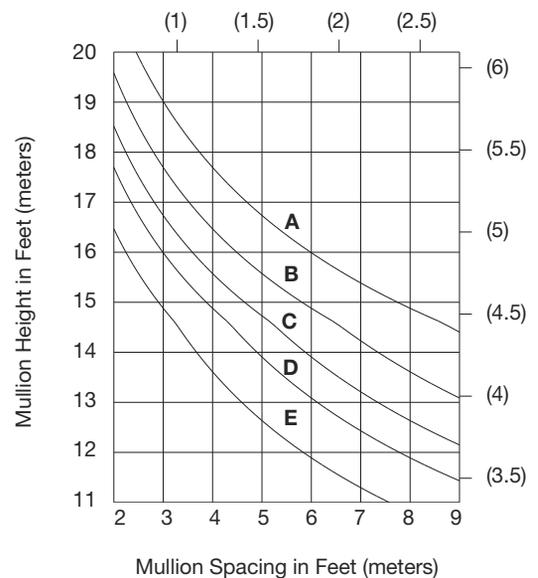
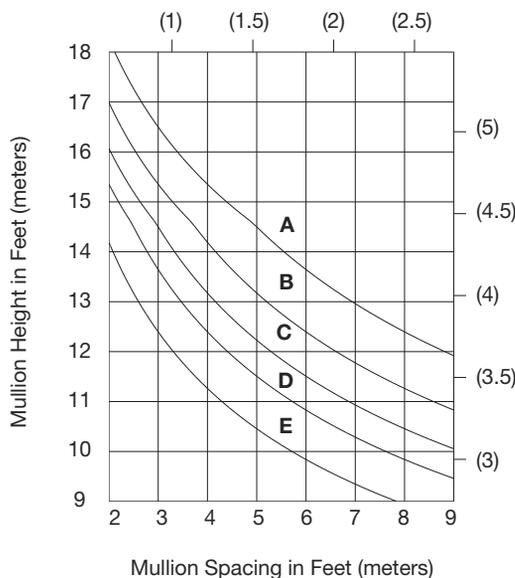
I = 7.500 (312.17 x 10<sup>4</sup>)  
S = 2.708 (44.38 x 10<sup>3</sup>)

Limitation of vertical mullions for:  
CURVES **A** = 15 PSF (718 Pa)  
CURVES **B** = 20 PSF (957 Pa)  
CURVES **C** = 25 PSF (1197 Pa)  
CURVES **D** = 30 PSF (1436 Pa)  
CURVES **E** = 40 PSF (1915 Pa)



**PW600** Vertical (shown)  
**PT600** with **SS964**

Steel Stiffener  
I = 1.996 (83.08 x 10<sup>4</sup>)  
S = 1.141 (18.70 x 10<sup>3</sup>)  
IAL+STL = 13.236 (550.93 x 10<sup>4</sup>)



# CURTAIN WALLS

## Windload Charts

### VERTICAL MULLIONS FOR 1" (25) GLAZING

Deflection criteria to be in accordance with AAMA TIR-A11 - L/175 or L/240 + 1/4" (6.4 mm) for spans greater than 13'-6" (4.1 m) but less than 40'-0" (12.2 m). Codes and specifications may vary. No single lite of glass shall deflect more than 3/4" (19 mm). Glass is not considered as contributing to resistance of deflection. Aluminum alloy 6063-T6 allowable stress for windload is 15,200 psi. (89 MPa), and steel reinforcing allowable stress for windload is 21,600 psi. (183 MPa).

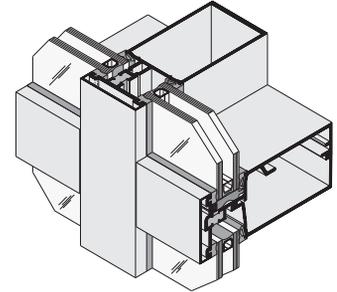
These charts include unbraced length analysis and are based on at least one horizontal being placed at the midpoint of the span. For other applications, please contact U.S. Aluminum Technical Sales at (800) 262-5151, or visit our web site at [usalum.com](http://usalum.com).

### Thermally Broken

- Series 4250T

### Non Thermal

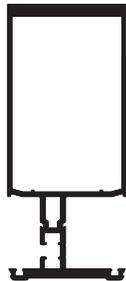
- Series 4250



**SERIES 4250T**  
Thermally Broken  
Interior Glazed  
Curtain Wall

**P T 6 0 0**

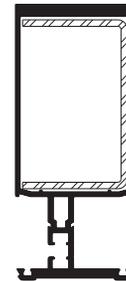
Two digit Part Number prefix ending in "T" represents THERMALLY BROKEN parts. Thermal parts are in **BOLD** print.



**PW610** Heavy Wall  
Vertical (shown)  
**PT610**

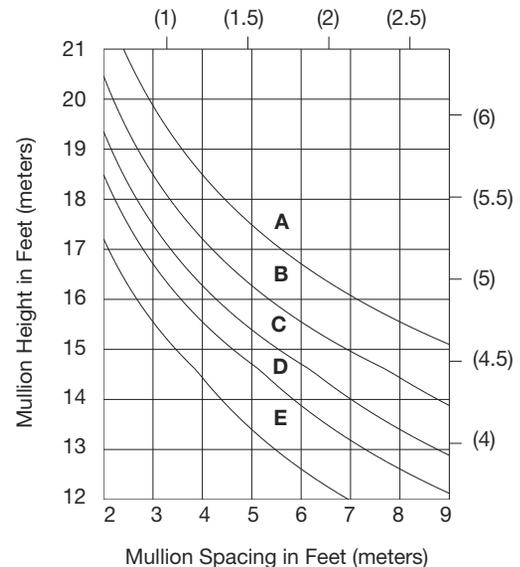
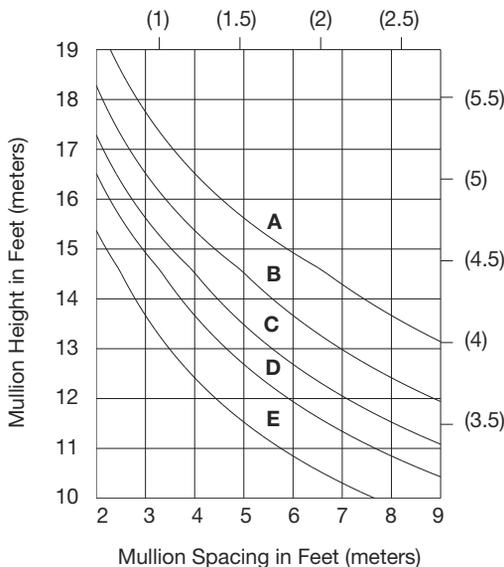
I = 10.051 (418.35 x 10<sup>4</sup>)  
S = 3.559 (58.32 x 10<sup>3</sup>)

Limitation of vertical mullions for:  
CURVES **A** = 15 PSF (718 Pa)  
CURVES **B** = 20 PSF (957 Pa)  
CURVES **C** = 25 PSF (1197 Pa)  
CURVES **D** = 30 PSF (1436 Pa)  
CURVES **E** = 40 PSF (1915 Pa)



**PW610** Heavy Wall  
Vertical (shown)  
**PT610** With **SS964**

Steel Stiffener  
I = 1.996 (83.08 x 10<sup>4</sup>)  
S = 1.141 (18.70 x 10<sup>3</sup>)  
IAL+STL = 15.787 (657.11 x 10<sup>4</sup>)



# CURTAIN WALLS

## Deadload Charts

### HORIZONTAL MULLIONS FOR 1" (25) GLAZING AND 1/4" (6) SPANDRAL GLAZING

Deadload charts are based on 1/8" (3.2) maximum deflection at the center point of the horizontal member and on a glass weight of 3.25 psf (15.87 Kg/m<sup>2</sup>) for 1/4" (6) glass and 6.5 psf (31.74 Kg/m<sup>2</sup>) for 1" (25) glass.

Glass shall rest on two setting blocks located at:  
**CURVES A:** 1/4 points  
**CURVES B:** 1/8 points or 8" (203.2) from corners, whichever is larger

P	T	6	0	0
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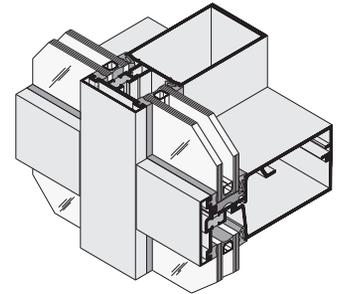
Two digit Part Number prefix ending in "T" represents THERMALLY BROKEN parts. Thermal parts are in **BOLD** print.

### Thermally Broken

- Series 4250T

### Non Thermal

- Series 4250

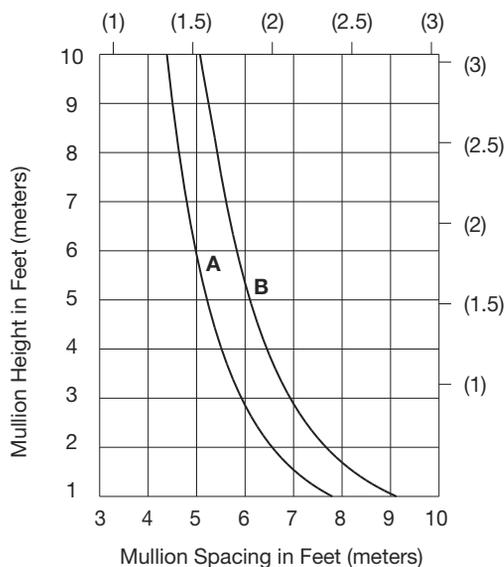


**SERIES 4250T**  
Thermally Broken  
Interior Glazed  
Curtain Wall

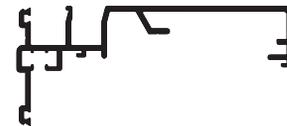
### FOR 1" (25) GLAZING



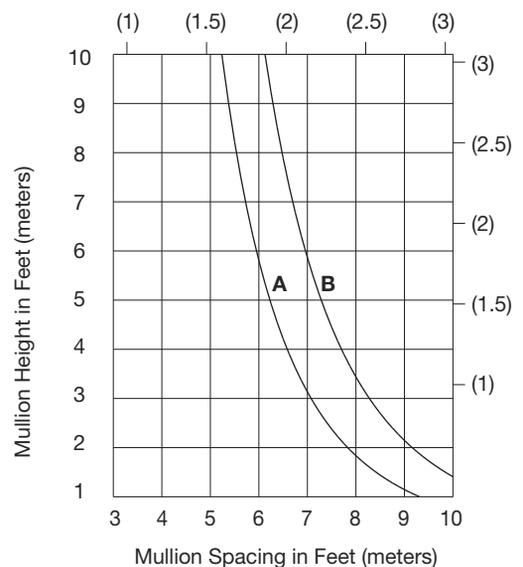
PW604 Horizontal (shown)  
**PT604**  
 $I_{yy} = .476 (19.81 \times 10^4)$



### FOR 1/4" (6) SPANDRAL GLAZING CONDITIONS



PW605 Horizontal (shown)  
**PT605**  
 $I_{yy} = .484 (20.15 \times 10^4)$



# CURTAIN WALLS



## Accessories

FOR 1/4" (6) AND 1" (25) GLAZING

Thermally Broken

• Series 4250T

Non Thermal

• Series 4250

PART NO.	DETAIL	DESCRIPTION	PKG. QTY.
AP670		Wall Jamb Anchor at Head and Sill for PW600 and PT600	6
AP671		Wall Jamb Anchor at Head and Sill for PW610 and PT610	6
AP660		Intermediate Vertical Anchor at Head and Sill for PW600 and PT600	12
AP661		Intermediate Vertical Anchor at Head and Sill for PW610 and PT610	12
SL400		Mullion Splice Sleeve for PW600 and PT600	12
SL408		Mullion Splice Sleeve for PW610 and PT610	12
SL690		Corner Splice Sleeve for PW630	5
NP425		Exterior Gasket	300' Roll
NP606		Interior Gasket	200' Roll
NP610		Exterior Replacement Gasket for Spandrel Condition	300' Roll
NP620		Interior Replacement Gasket for Spandrel Condition	300' Roll

PART NO.	DETAIL	DESCRIPTION	PKG. QTY.
AP603		Shear Block for PW604 and PW605 (Includes Screws)	20
AP601		Shear Block for 90 Degree Outside Corner (Includes One Left Block, One Right Block, and Screws)	1 Set
WD600		End Dam for Deep Pocket PW600	50
WD601		End Dam for Shallow Pocket PW600	50
CP600		Closure Plate for Mullions	50
CP690		Closure Plate for Corner Mullion	10
SL404		Splice Sleeve for Face of Vertical	12
SL403		Splice Sleeve for Vertical Face Cap	12
ST197		Screw for SL404 Splice #8 x 3/8" (9.5) PHSMS	100
SS964		Steel Stiffener Fits in: PW610, PT610	16' (4.88 m) Stock Length
PW616		Re-Glazing Leg Adapter	24' (7.3 m) Stock Length

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 Online [crlaurence.com](http://crlaurence.com) By Phone (800) 421-6144 Ext. 5305

# CURTAIN WALLS

## Accessories

### Thermally Broken

- Series 4250T

FOR 1/4" (6) AND 1" (25) GLAZING

### Non Thermal

- Series 4250

PART NO.	DETAIL	DESCRIPTION	PKG. QTY.
SB650		Setting Block for 1" (25) Glass; 4" (101.6) Long	100
SB655		Setting Block for 1/4" (6) Glass; 4" (101.6) Long	100
WB600		Edge Block for Deep Pocket 8" (203.2) Long	50
WB601		Edge Block for Shallow Pocket 6" (152.4) Long	50
UB600		Weep Baffle 4" (101.6) Long	100

PART NO.	DETAIL	DESCRIPTION	PKG. QTY.
WD602		Water Dam for Thermal Reglet of Non-thermal Verticals	50
BA603		Plug Backer for PW614 Deep Pocket Spandrel Adaptor Use With PW615	100
BA602		Plug Backer for PW615 Shallow Pocket Spandrel Adaptor Use With PW614	50
DJ620		Drill Jig for Horizontal Mullions	1
DJ610		Drill Jig for Vertical Mullions	1



Project: Cancer Center, Fort Worth, TX

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