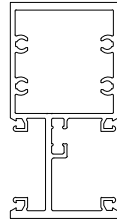
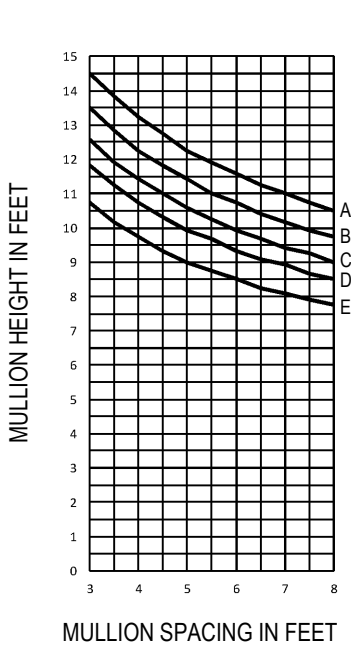


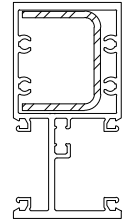
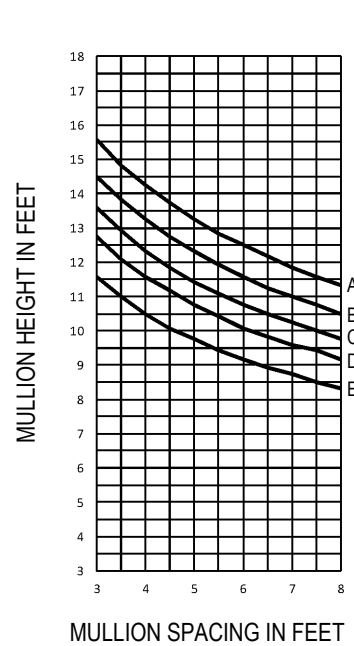
# Windload Charts | TC470 Series

A = 16 P.S.F. (766 Pa)  
B = 20 P.S.F. (958 Pa)  
C = 25 P.S.F. (1197 Pa)  
D = 30 P.S.F. (1436 Pa)  
E = 40 P.S.F. (1915 Pa)

Description: 2 1/4" X 4 1/2" Offset Glazed For 1" Glass  
Function: Storefront/Window Wall  
Detail: Design Criteria  
Scale: N.T.S.  
SHEET 1 OF 4

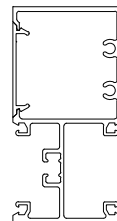
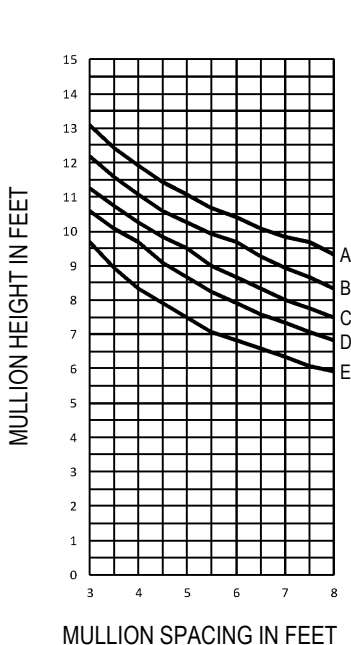


TH480

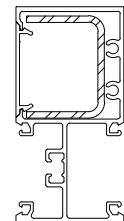
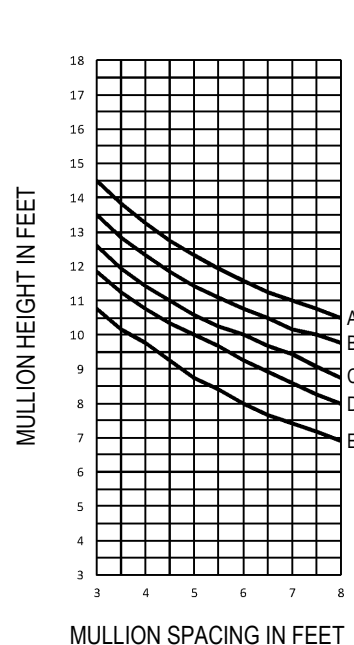


TH480 WITH  
STEEL REINFORCEMENT  
1 5/8" X 2 1/16" X 10 GA.

- Mullions are assumed to be single span, simple beam elements, uniformly loaded and adequately braced to prevent lateral-torsional buckling. All other complex design conditions shall be reviewed by Arcadia or a design professional.
- Aluminum extrusions shall be 6063-T6 alloy. Allowable stresses to be derived per Aluminum Design Manual. Deflection limitation of mullions shall be in accordance with AAMA TIR-A11 of L/175 for spans up to 13'-6" and L/240 + 1/4" for all others where L is equal to the span of mullion.
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- Windload pressure determinations shall be per ASCE 7 and according to local governing codes. A professional engineer shall be consulted for the most current laws and local building codes.
- Selection of perimeter fasteners and attachment of glazing system to building structure are project specific and therefore shall be reviewed and determined by a design professional.
- Arcadia assumes no responsibility for selecting the appropriate systems for specific projects.



TH406 / FF205



TH406 / FF205 WITH  
STEEL REINFORCEMENT  
1 5/8" X 2 1/8" X 10 GA.

Consult Your Local Arcadia Representative For Special Applications Not Covered By These Curves.



# Windload Charts | TC470 Series

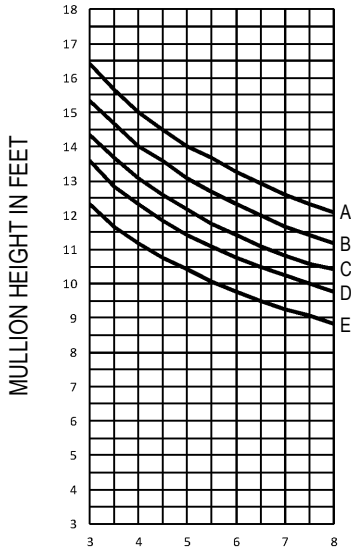
A = 16 P.S.F. (766 Pa)  
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C = 25 P.S.F. (1197 Pa)  
D = 30 P.S.F. (1436 Pa)  
E = 40 P.S.F. (1915 Pa)

Description: 2 1/4" X 4 1/2" Offset Glazed For 1" Glass  
Function: Storefront/Window Wall  
Detail: Design Criteria  
Scale: N.T.S.

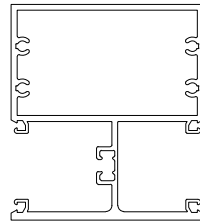
SHEET 2 OF 4

$$I = 7.347 \text{ IN}^4$$

$$S = 3.141 \text{ IN}^3$$

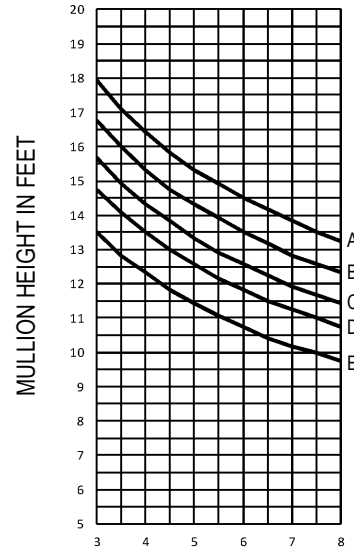


MULLION SPACING IN FEET

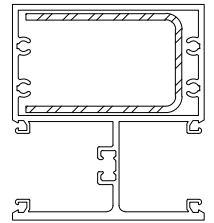


TH445

$$I = 9.758 \text{ IN}^4$$



MULLION SPACING IN FEET

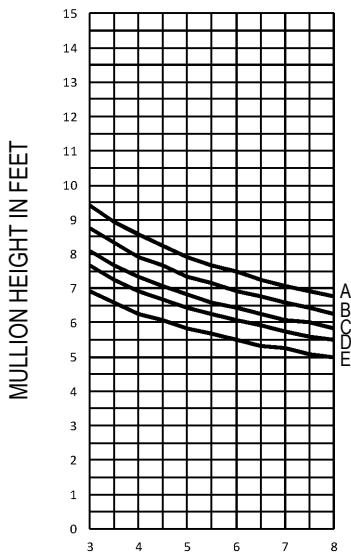


TH445 WITH  
STEEL REINFORCEMENT  
3 1/4" X 2 1/16" X 10 GA.

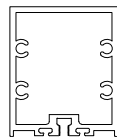
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- Selection of perimeter fasteners and attachment of glazing system to building structure are project specific and therefore shall be reviewed and determined by a design professional.
- Arcadia assumes no responsibility for selecting the appropriate systems for specific projects.

$$I = 1.318 \text{ IN}^4$$

$$S = 0.941 \text{ IN}^3$$

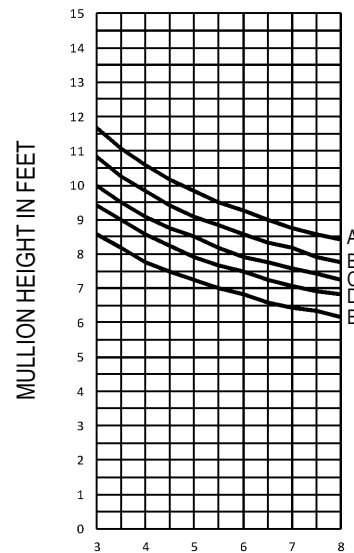


MULLION SPACING IN FEET

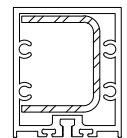


TH426

$$I = 2.495 \text{ IN}^4$$



MULLION SPACING IN FEET



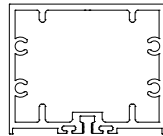
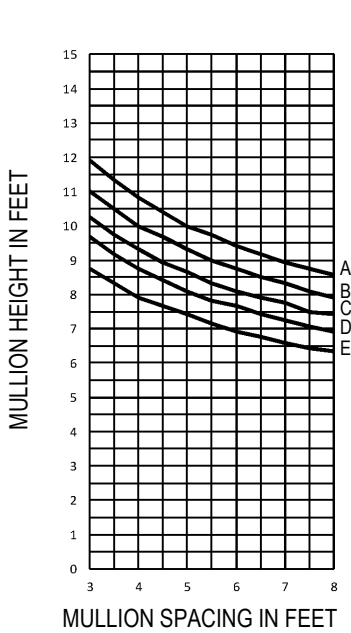
TH426 WITH  
STEEL REINFORCEMENT  
1 5/8" X 2" X 10 GA.

Consult Your Local Arcadia Representative For Special Applications Not Covered By These Curves.

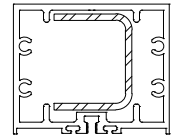
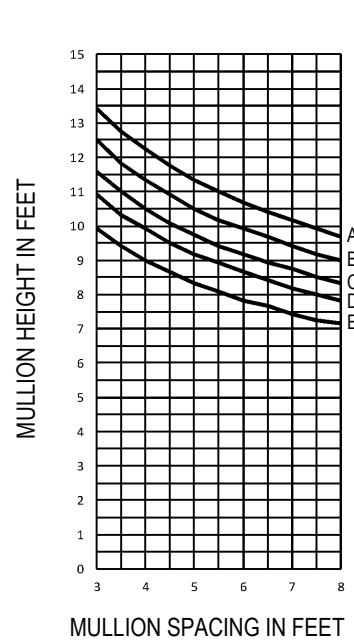


# Windload Charts | TC470 Series

Description: 2 1/4" X 4 1/2" Offset Glazed For 1" Glass  
 Function: Storefront/Window Wall  
 Detail: Design Criteria  
 Scale: N.T.S.  
 SHEET 3 OF 4

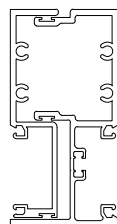
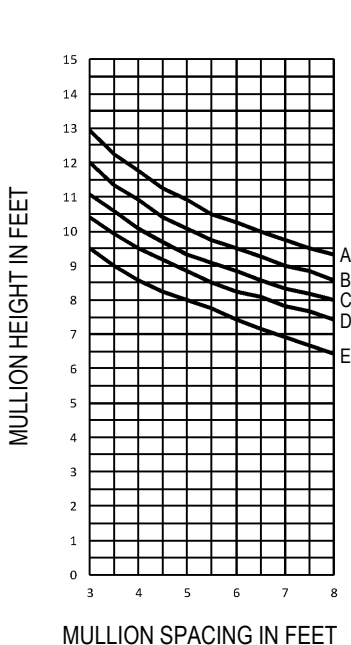


TH426325



TH426325 WITH  
 STEEL REINFORCEMENT  
 1 5/8" X 2" X 10 GA.

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TH437 / TH438

Consult Your Local Arcadia Representative For Special Applications Not Covered By These Curves.

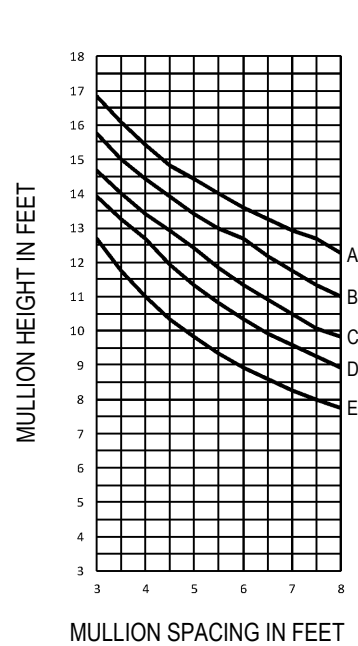
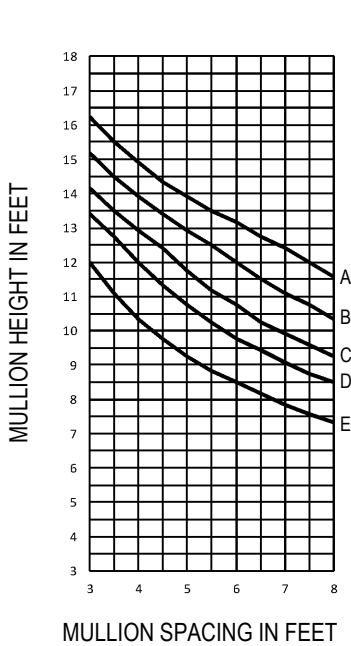


# Windload Charts | TC470 Series

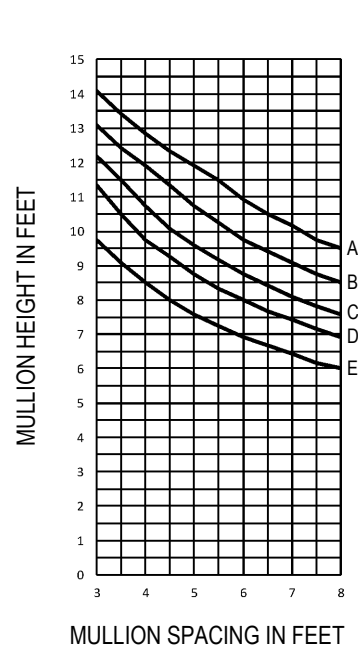
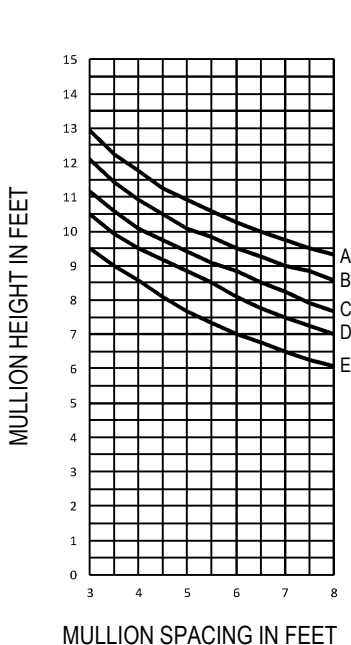
A = 16 P.S.F. (766 Pa)  
B = 20 P.S.F. (958 Pa)  
C = 25 P.S.F. (1197 Pa)  
D = 30 P.S.F. (1436 Pa)  
E = 40 P.S.F. (1915 Pa)

Description: 2 1/4" X 4 1/2" Offset Glazed For 1" Glass  
Function: Storefront/Window Wall  
Detail: Design Criteria  
Scale: N.T.S.

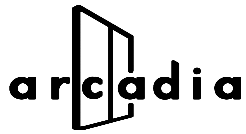
SHEET 4 OF 4



- Mullions are assumed to be single span, simple beam elements, uniformly loaded and adequately braced to prevent lateral-torsional buckling. All other complex design conditions shall be reviewed by Arcadia or a design professional.
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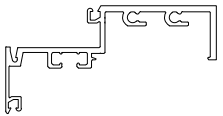
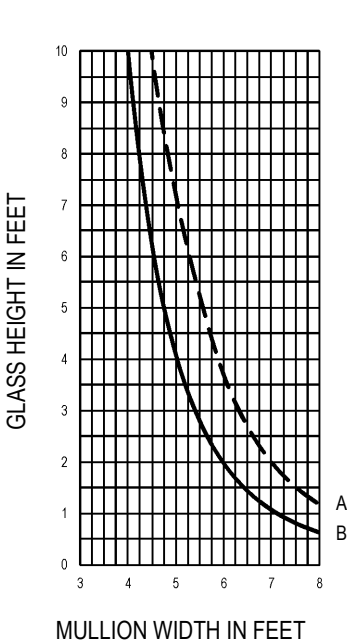
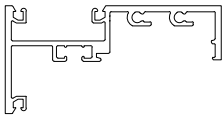
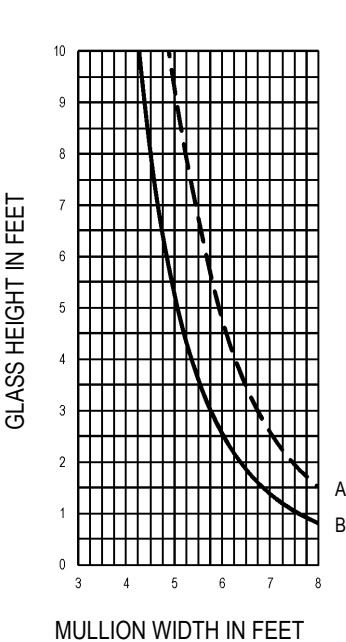


# Deadload Charts | TC470 Series

Description: 2 1/4" X 4 1/2" Offset Glazed for 1" Glass  
Function: Storefront/Window Wall  
Detail: Design Criteria  
Scale: N.T.S.

Deadload Charts for 1" Glass (7.00 PSF)

SHEET 1 OF 1



CURVE REPRESENTATION  
A (----) = 1/8" PTS.  
B (—) = 1/4" PTS.

