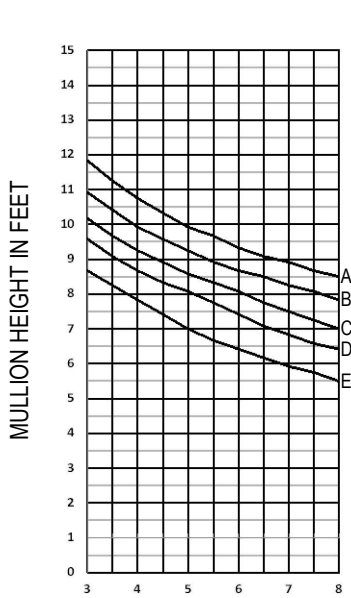


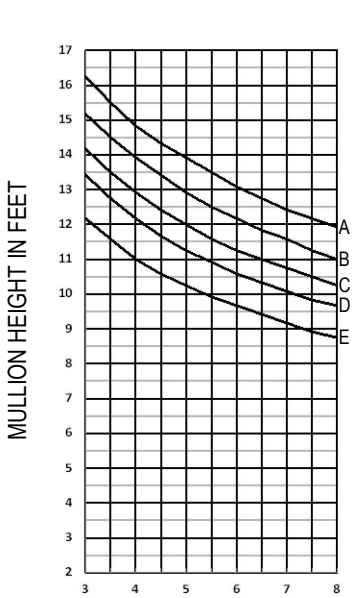
# Windload Charts | AG451DT Series

A = 16 P.S.F. (766 Pa) Description: 2" X 4 1/2" Center Glazed for 1" Glass  
 B = 20 P.S.F. (958 Pa) Function: Storefront  
 C = 25 P.S.F. (1197 Pa) Detail: Design Criteria  
 D = 30 P.S.F. (1436 Pa) Scale: N.T.S.  
 E = 40 P.S.F. (1915 Pa)

SHEET 1 OF 2

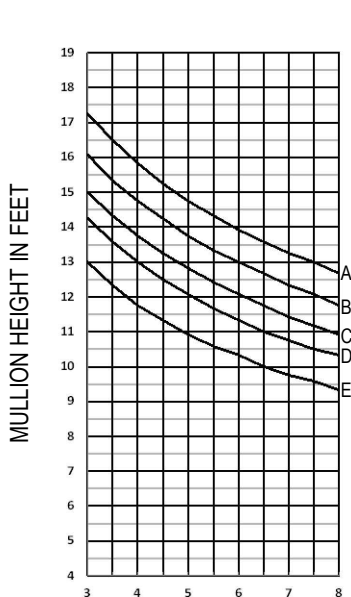


TG202D / TG210DAS

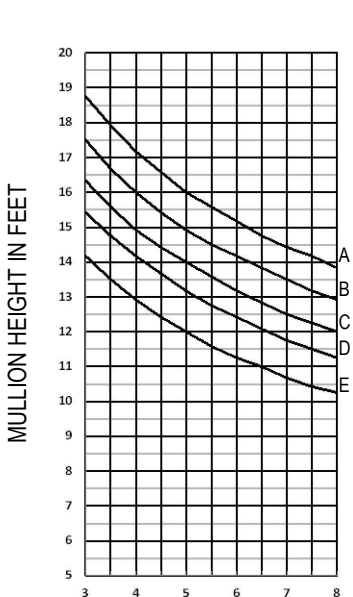


TG202D / TG210DAS WITH STEEL REINFORCEMENT  
1 1/4" X 4 3/16" X 12 GA.

- 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.
- A design professional shall be consulted to confirm that no lite of glass deflects more than H/175 or 3/4", whichever is less, where H indicates the height of glass.
- For mullions containing steel reinforcement, the reinforcement is assumed to be installed for the full length of the mullion. A design professional shall be consulted for instances where steel reinforcement is installed for a partial length of the mullion span.
- 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.

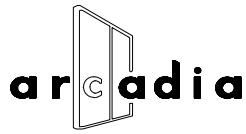


TG212D / TG210DAS



TG212D / TG210DAS WITH STEEL REINFORCEMENT  
1 1/4" X 3 3/8" X 12 GA.

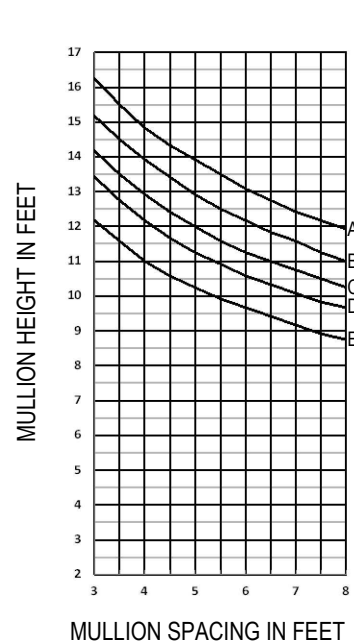
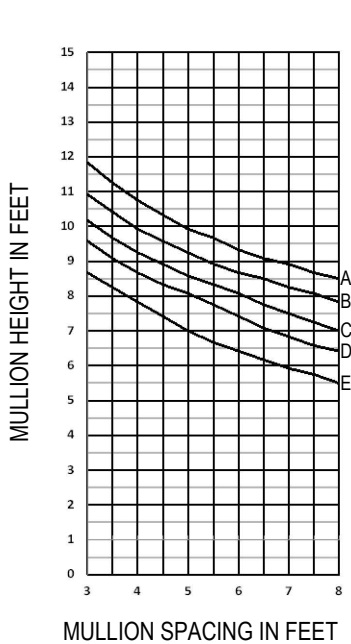
Consult Your Local Arcadia Representative For Special Applications Not Covered By These Curves.



# Windload Charts | AG451DT Series

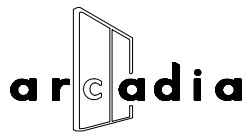
A = 16 P.S.F. (766 Pa) Description: 2" X 4 1/2" Center Glazed for 1" Glass  
 B = 20 P.S.F. (958 Pa) Function: Storefront  
 C = 25 P.S.F. (1197 Pa) Detail: Design Criteria  
 D = 30 P.S.F. (1436 Pa) Scale: N.T.S.  
 E = 40 P.S.F. (1915 Pa)

SHEET 2 OF 2



- 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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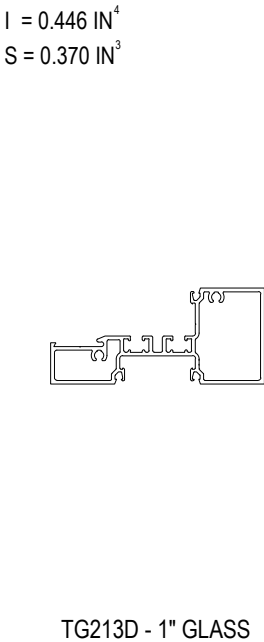
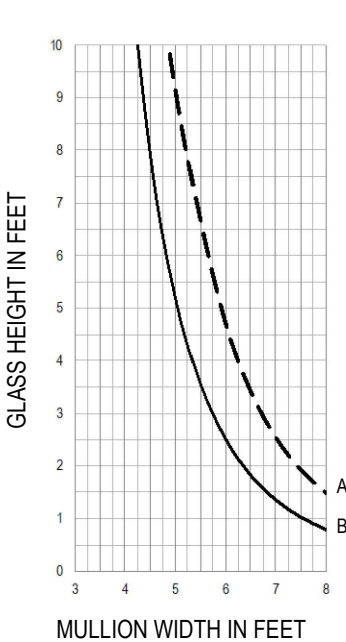
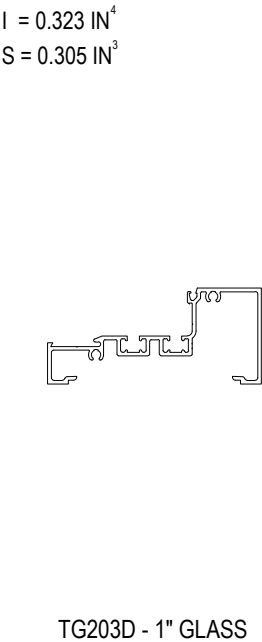
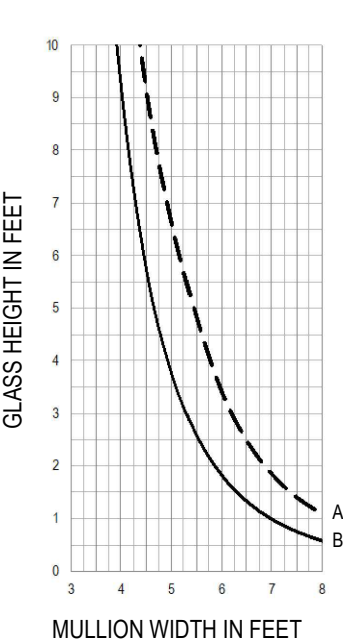


# Deadload Charts | AG451DT Series

Description: 2" X 4 1/2" Center Glazed for 1" Glass  
Function: Storefront  
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.