

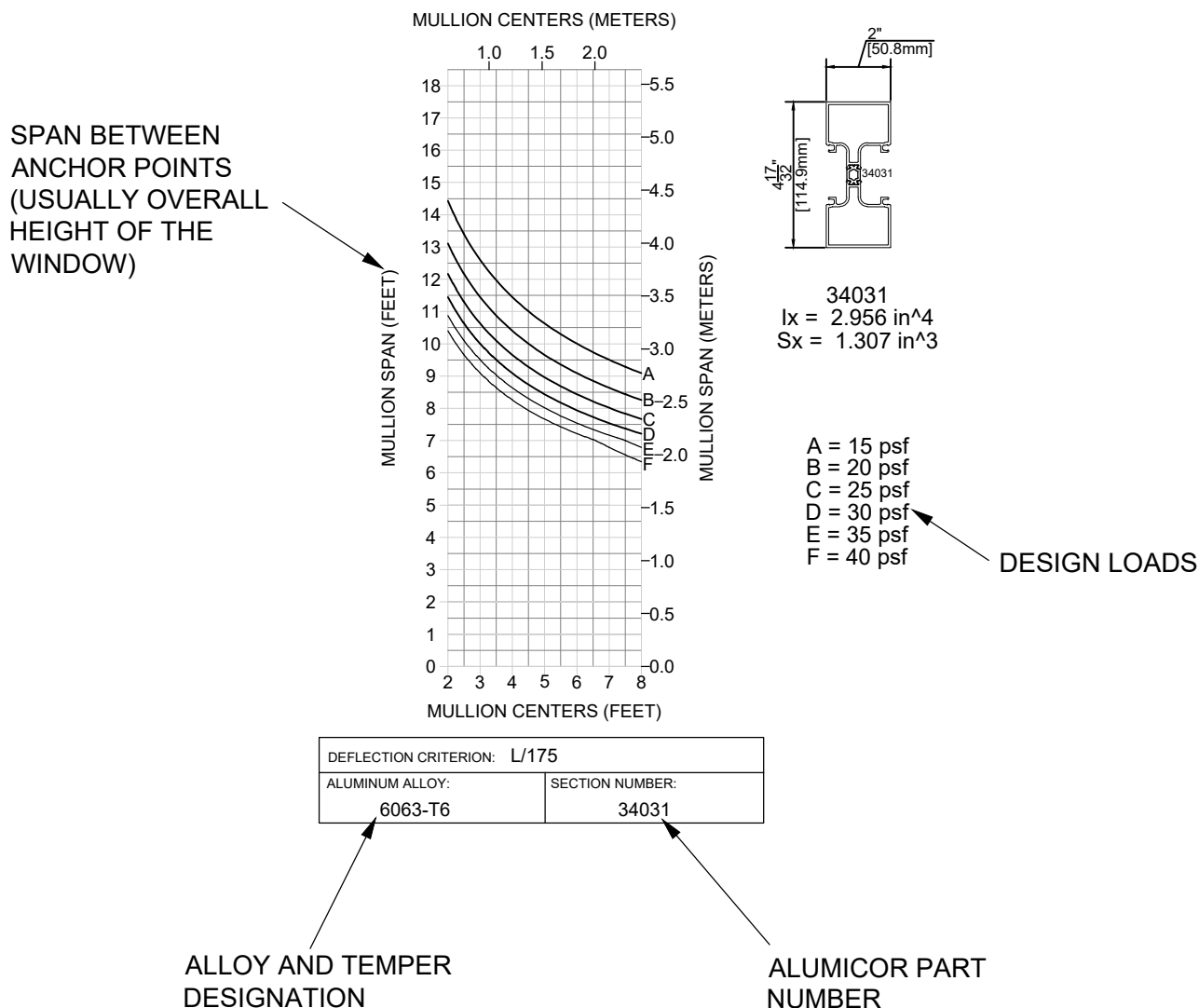
# FLUSHGLAZE BF 3400 WIND LOAD CHART

## FOR MULLION WITH HORIZONTALS

THE FOLLOWING WIND LOAD CHARTS ARE TO BE USED FOR FENESTRATION DESIGNS THAT **INCORPORATE THE USE OF HORIZONTALS**. USER MUST PAY STRICT ATTENTION TO THE FOLLOWING:

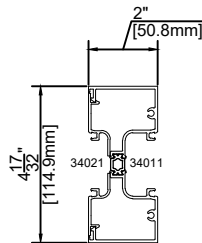
- CURVES REPRESENT LIMITING PARAMETERS BASED ON THE SPECIFIED PERMISSIBLE DEFLECTION, ALLOWABLE STRENGTH FOR THE ALUMINUM ALLOY AS SPECIFIED AND A LINEAR UNIFORMLY DISTRIBUTED LOAD APPLIED TO A SIMPLY SUPPORTED SPAN. REINFORCEMENT FASTENED USING MINIMUM #10 AT MAXIMUM 12" C.C.
- THE CHARTS SHOULD BE USED AS A BUDGET OR DESIGN GUIDE. FOR ACTUAL ENGINEERING PURPOSES THE STRUCTURAL PROPERTIES OF THE MULLIONS ARE SHOWN AS "Ix" AND "Sx"
- THE DEFLECTION CRITERION FOR THESE CHARTS IS L/175

### EXAMPLE:



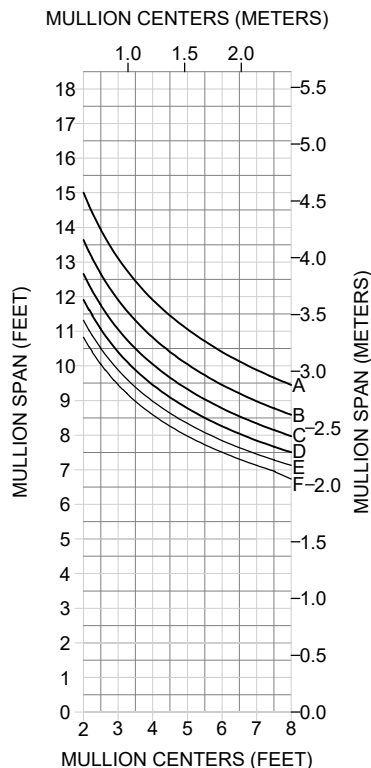
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## FOR MULLION WITH HORIZONTALS

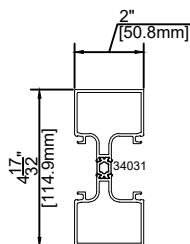
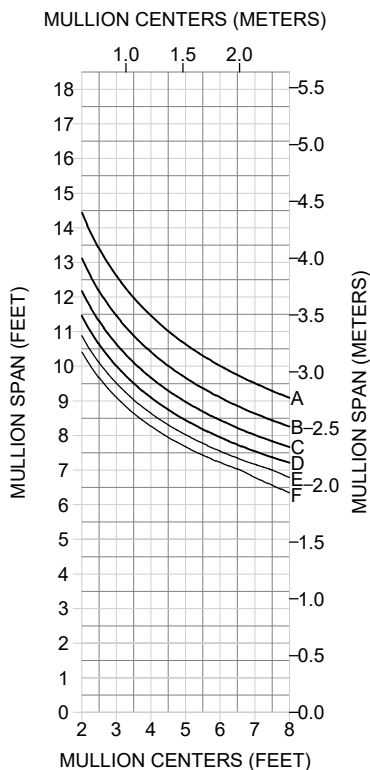


34011 / 34021  
 $I_x = 3.326 \text{ in}^4$   
 $S_x = 1.471 \text{ in}^3$

- A = 15 psf
- B = 20 psf
- C = 25 psf
- D = 30 psf
- E = 35 psf
- F = 40 psf

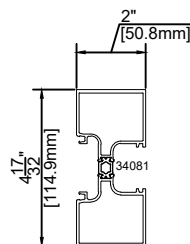


DEFLECTION CRITERION: L/175	
ALUMINUM ALLOY: 6063-T6	SECTION NUMBER: 34011 / 34021



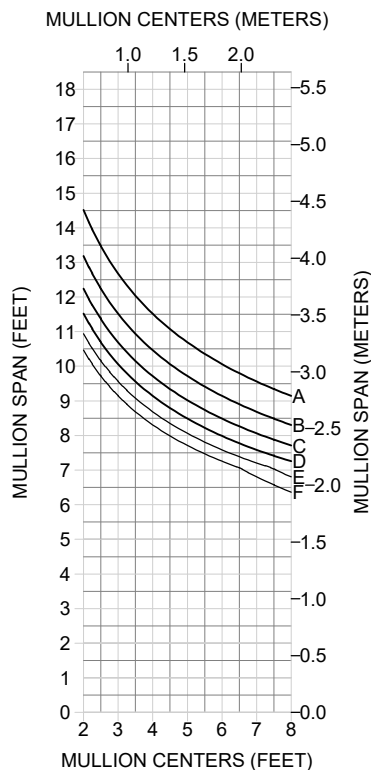
34031  
 $I_x = 2.956 \text{ in}^4$   
 $S_x = 1.307 \text{ in}^3$

- A = 15 psf
- B = 20 psf
- C = 25 psf
- D = 30 psf
- E = 35 psf
- F = 40 psf



34081  
 $I_x = 3.008 \text{ in}^4$   
 $S_x = 1.314 \text{ in}^3$

- A = 15 psf
- B = 20 psf
- C = 25 psf
- D = 30 psf
- E = 35 psf
- F = 40 psf

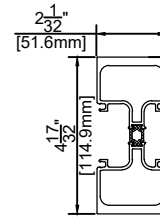
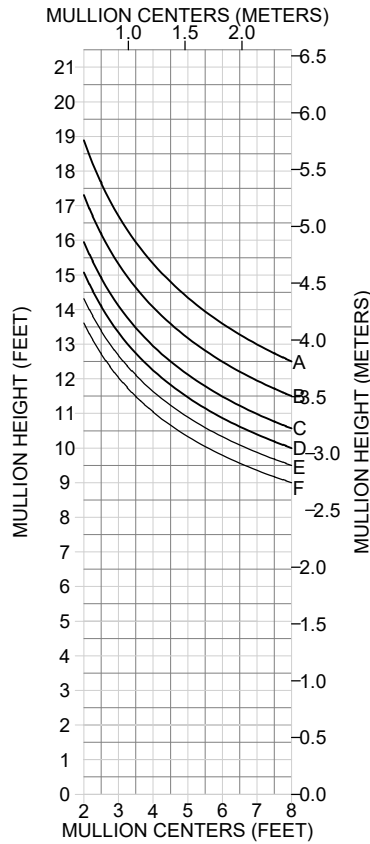


DEFLECTION CRITERION: L/175	
ALUMINUM ALLOY: 6063-T6	SECTION NUMBER: 34031

DEFLECTION CRITERION: L/175	
ALUMINUM ALLOY: 6063-T6	SECTION NUMBER: 34081

# FLUSHGLAZE BF 3400 WIND LOAD CHART

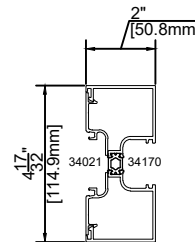
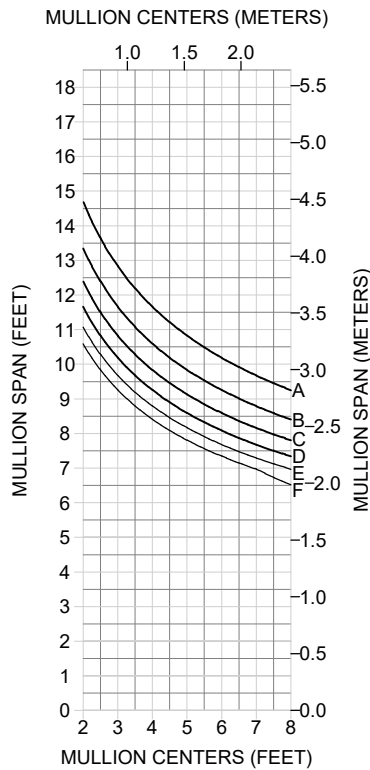
## FOR MULLION WITH HORIZONTALS



34121  
 $I_x = 5.065 \text{ in}^4$   
 $S_x = 2.239 \text{ in}^3$

- A = 15 psf
- B = 20 psf
- C = 25 psf
- D = 30 psf
- E = 35 psf
- F = 40 psf

DEFLECTION CRITERION: L/175	
ALUMINUM ALLOY: 6063-T6	SECTION NUMBER: 34121



34170 / 34021  
 $I_x = 3.115 \text{ in}^4$   
 $S_x = 1.377 \text{ in}^3$

- A = 15 psf
- B = 20 psf
- C = 25 psf
- D = 30 psf
- E = 35 psf
- F = 40 psf

DEFLECTION CRITERION: L/175	
ALUMINUM ALLOY: 6063-T6	SECTION NUMBER: 34170 / 34021