



**Oldcastle** BuildingEnvelope®

***Series 6000 XT Thermal Storefront***  
***STRUCTURAL CHARTS***

# SERIES 6000 XT-CENTER SET STOREFRONT - WINDLOAD CHARTS

Data is based on deflection limitations in accordance with AAMA TIR-A11 of L/175 up to 13'-6" and L/240 +1/4" above 13'-6", with a maximum deflection of 1 1/4". All curves reflect single span conditions, unless noted otherwise.

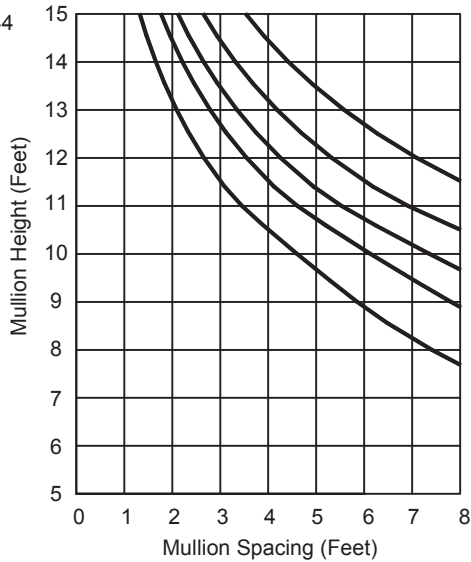
These curves reflect the limiting value for mullions with horizontals and are based on allowable windload stress for T6 aluminum (15,000 psi) and A36 steel (20,000 psi).

A 4/3 increase in allowable stress is not reflected in these curves. For special applications not covered by these curves, please consult your local Oldcastle BuildingEnvelope® facility for assistance.

FG-6506 / FG-6344



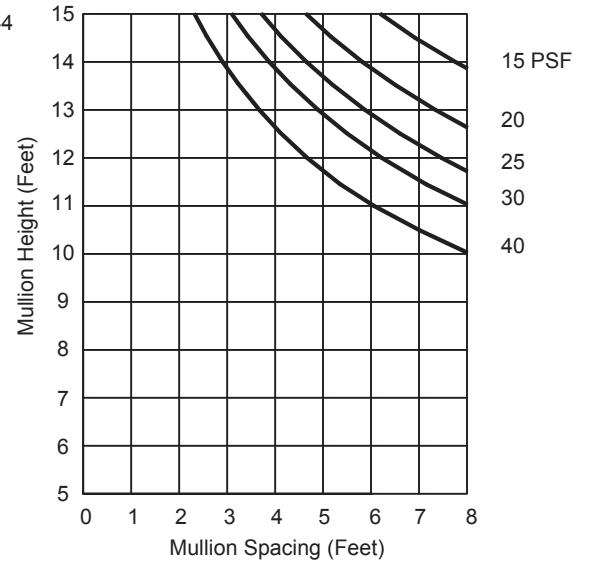
I = 6.037  
S = 1.897



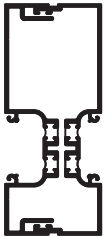
FG-6522 / FG-6344



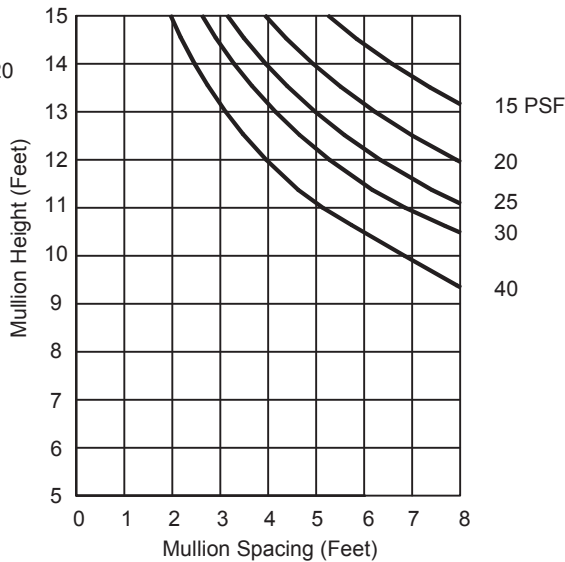
I = 10.588  
S = 3.400



FG-6519 / FG-6520



I = 8.977  
S = 2.794



# SERIES 6000 XT-CENTER SET STOREFRONT - DEADLOAD CHARTS

Data is based on maximum deflection of 1/8" at the center of intermediate horizontal. all curves are calculated for 1" thick insulating glass (6.5 PSF) supported on two setting blocks at 1/4 or 1/8 point loading locations.

These curves are based on allowable windload stress for T6 aluminum (15,000 psi).

A 4/3 increase in allowable stress is not reflected in these curves. For special applications not covered by these curves, please consult your local Oldcastle BuildingEnvelope® facility for assistance.

