

# ArmorDefend™ Plus STOREFRONT - WINDLOAD CHARTS

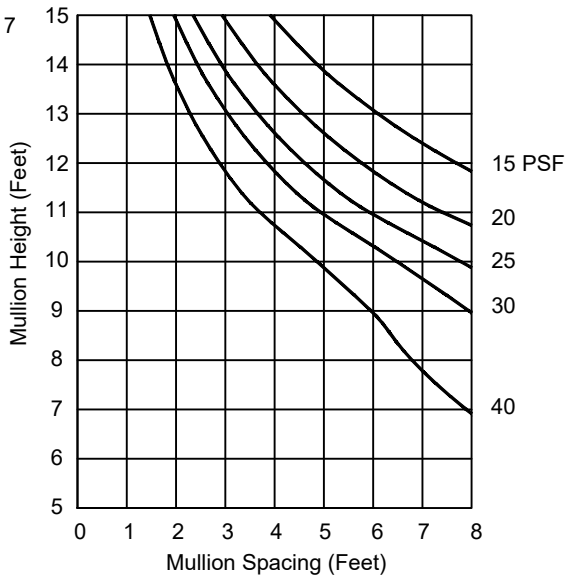
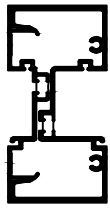
Wind Load curves were generated based on composite properties determined using AAMA TIR-A8, Structural Properties of Composite Thermal Barrier Framing Systems.

Data 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 maximum deflection of 1-1/4". All curves reflect single span conditions, unless noted otherwise.

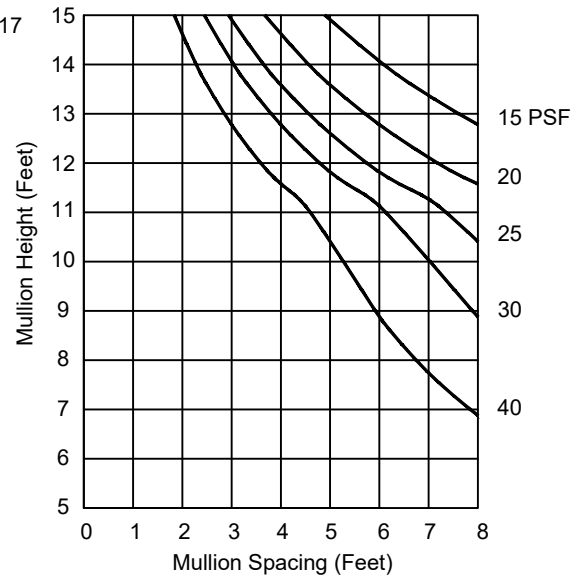
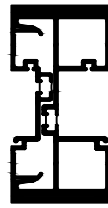
These curves reflect the limiting value for mullions with horizontals and are based on allowable wind load stress for T6 aluminum (15,152 psi) and A36 steel (20,000 psi).

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

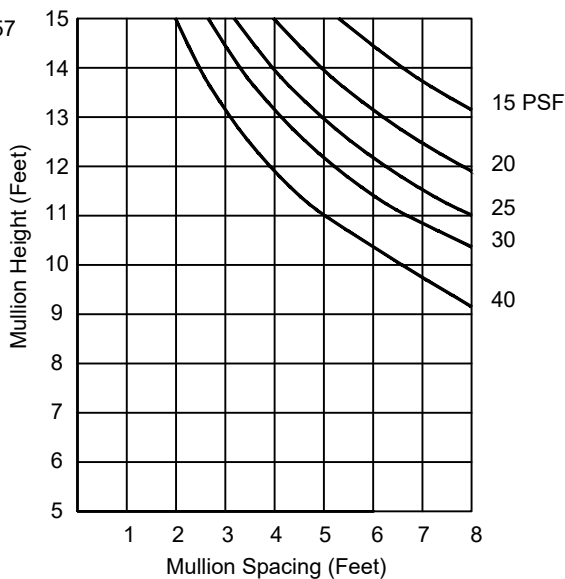
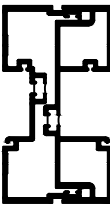
FG-5250 / FG-5217



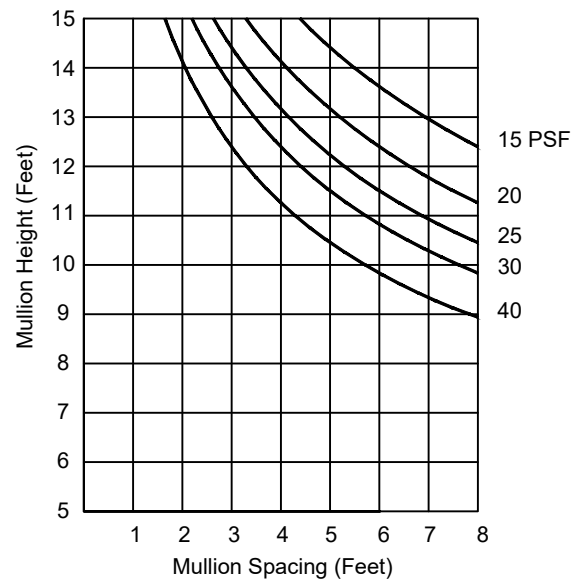
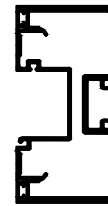
FG-5251 / FG-5217



FG-5256 / FG-5257



FG-5168/5179



## ArmorDefend™ Plus STOREFRONT - DEAD LOAD CHARTS

Data is based on maximum deflection of 1/8" at the center of an intermediate horizontal or 1/16" at center of transom bar above entrance. All curves are calculated for 1" thick ArmorGarde™ Plus insulating glass (10.5 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.

