

GLAZING OPTIONS

- ¾" to 1½" thicknesses

ANODIZING FINISH OPTIONS

- Clear Anodizing
- Dark Bronze Anodizing

Other custom coating options are available upon inquiry

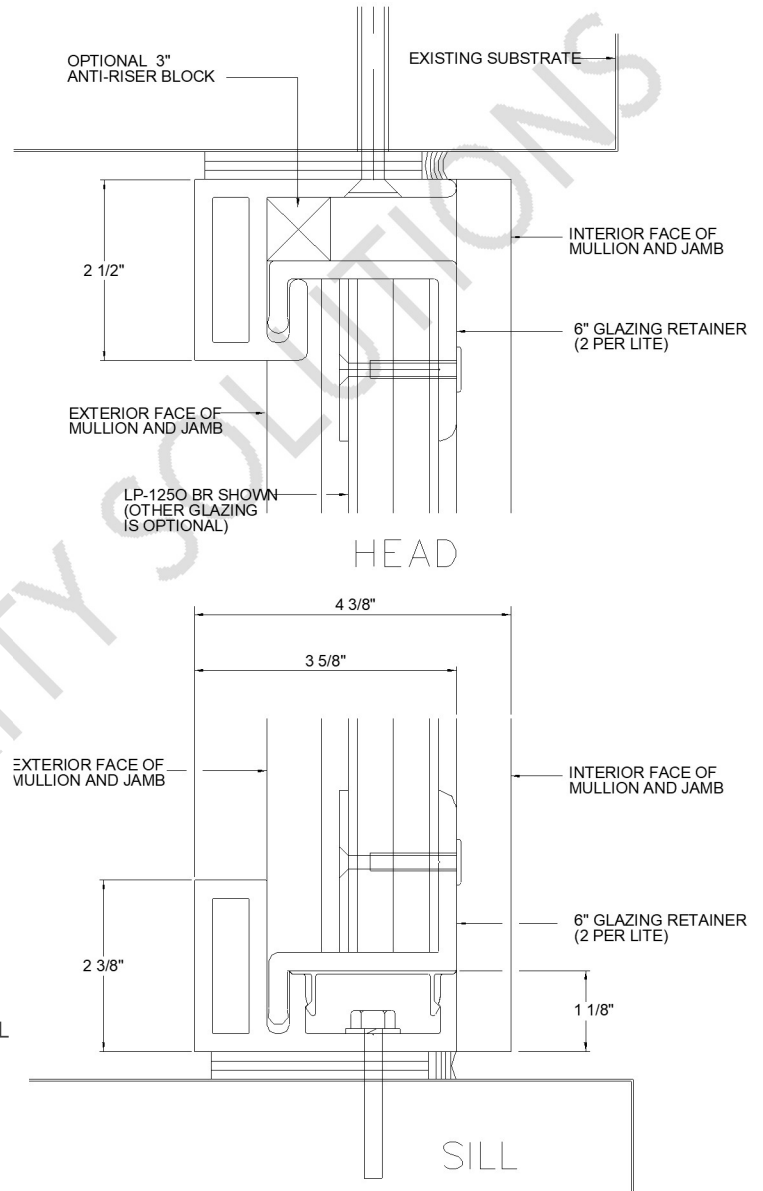
PROPERTIES & SPECIFICATIONS

Protection	UL 752: Level 3
Material	Aluminum 6061-T6 Alloy/Tempered
Exposed Fasteners	Six bolts on clips
Construction Constraints	System must have a level opening to attach with at least 4" of soffit
Yield Strength	40,000 PSI
Ultimate Tensile Strength	45,000 PSI
Brinell Hardness	95
Rockwell Hardness	B60
Density	0.098 lb./cu. In.
Spec. Gravity	2.7
Melting Point	1090 °F
Mod. Of Elasticity Tension	10
Mod. Of Elasticity Torsion	3.8

SYSTEM DESIGN

The TSS BG 1.5 is a back-glazing system that allows for an existing store front or curtain wall to be protected with a UL rated system without modifying the existing non-rated system. The system only needs to be attached at the head and sill of the existing square opening, and needs at least 4" of soffit depth. The BG 1.5 system provides a pressure equalization of air flow, allowing for no condensation in between glass layers. Each panel may be removed individually for cleaning or replacement without disturbing adjacent panels. An optional mullion may be added to add ballistic rating at the seam created where the two panels meet, as seen in diagram.

TSS BACKGLAZING SYSTEM PRODUCT: BG 1.5



STANDARDS

- ASTM B 209
- ASTM B 221