

GLAZING OPTIONS

- 1 1/4" Uncoated Acrylic
- 3/4" GCP 750
- 3/4" LP 750 Laminated Polycarbonate Acrylic
- 1 3/8" Uncoated Acrylic
- 1" TSS 002 L/S
- 1" LP 1000 Laminated

ANODIZING FINISH OPTIONS

- Clear Anodizing
- Dark Bronze Anodizing

Other custom coating options are available upon inquiry

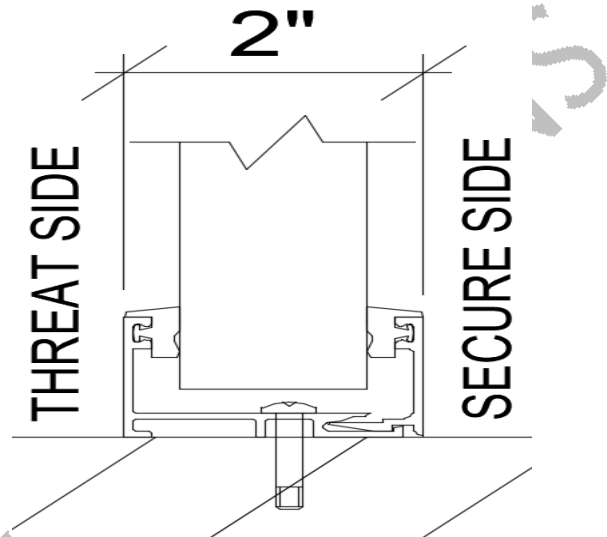
PROPERTIES & SPECIFICATIONS

Protection	Non-rated
Material	Aluminum 6061-T6 Alloy/Tempered
Exposed Fasteners	None
Cut Away Dimensions	2" x 1 1/4"
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

LIMITED WARRANTY

12-month limited warranty. Does not cover damage from neglect, abuse, vandalism, improper maintenance, or any other cause not arising out of defects in material or workmanship. The warranties stated replace and exclude all other warranties. The warranty is limited to replacing products that fail to meet specification, defective in quality, or workmanship at time of delivery. TSS is not responsible for (re)installation expenses or any direct or indirect loss(es) which may result from a defective product. TSS reserves the right to field inspect any product alleged to be defective. Buyer is responsible for any consequences from product use.

TSS NON-RATED ALUMINUM 2PC CHANNEL



(Sill Detail Shown Above With Glazing Thickness 3/4" to 1 3/8")

STANDARDS

- ASTM B 209
- ASTM B 221

PREPARATION

Prior to installing the bullet resistant material, the contractor shall verify that all supports have been installed as required by the contract documents and architectural drawings, and approved shop/CAD drawings, if required. Installer shall notify architect of any unsatisfactory preparation that's the responsibility of another installer. Clean and prepare all surfaces per manufacturer's recommendations for achieving the best results for the substrate under the project conditions.

INSTALLATION

TSS Non-Rated Aluminum 2PC Channel shall be installed in accordance with manufacturer's instructions and approved shop drawings. All products shall be installed per instructions provided by Total Security Solutions, if warranty is to be issued.

POST APPLICATION

Inspection and Cleaning: Verify installation is complete and complies with manufacturer's requirements. Clean product and accessories, removing excess sealant, labels and protective covers. Touch-up, repair or replace damaged products before Substantial Completion.