

GLAZING OPTIONS

- TSS 004
- TSS 004 L/S
- TSS 005
- TSS 005 L/S
- TSS BR6
- TSS 007 L/S
- TSS 008 L/S

ANODIZING FINISH OPTIONS

- Clear Anodizing
- Dark Bronze Anodizing

Other custom coating options are available upon inquiry

PROPERTIES & SPECIFICATIONS

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|-------------------------------|--|
| Protection | 30.06 7.62 NATO .223 |
| Ballistic Data | Max Velocity 1: ≤2750 ft/s Max Velocity 2: ≤3025 ft/s |
| Material | 6061-T6 alloy/tempered |
| Yield Strength | 40,000 PSI |
| Ultimate Tensile Strength | 45,000 PSI |
| Brinell Hardness | 95 |
| Rockwell Hardness | B60 |
| Density | 0.098 lbs. /cu. in. |
| Spec. Gravity | 2.7 |
| Melting Point | 1090° F |
| Modulus of Elasticity Tension | 10 |
| Modulus of Elasticity Torsion | 3.8 |

BALLISTIC RATING

- U.L. 752 Level 4 – 30.06 (1 shot)
- U.L. 752 Level 5 – 7.62 NATO (1 shot)
- U.L. 752 Level 7 – .223 (5 shot)
- U.L. 752 Level 8 – 7.62 NATO (5 shot)

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 or losses 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 the product use.

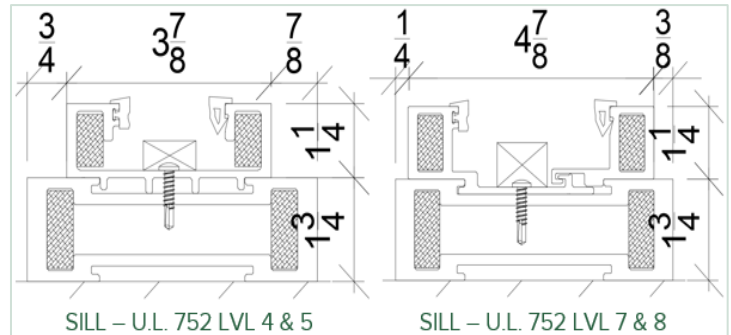
TOTAL SECURITY SOLUTIONS

P: 517.223.7807 | info@tssbulletproof.com | F. 517.223.0805 | 935 Garden Lane, Fowlerville, MI

Proprietary information not for public distribution

2 PIECE CHANNEL & FRAMING

PRODUCT: TSS B.L. 5.5



STANDARDS

- ASTM B 209
- ASTM B 221

PREPARATION

Prior to installing the bullet resistive 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 is 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

Do not begin installation until openings have been verified and surfaces properly prepared in accordance with Drawings. Install in accordance with manufacturer's instructions and UL 752. Set all equipment plumb. TSS Bullet Resistant Storefronts Install in accordance with manufacturer's instructions.

Install plumb, level, square, true to line, and without warp or rack. Provide all fasteners required for installation. Anchor frames securely in place to supports. Use attachment methods permitting adjustment for construction tolerances, irregularities, alignment, and expansion and contraction. Separate aluminum from other metal surfaces with bituminous coatings or other means approved by Architect. Sheet Metal Flashing: Coordinate with sheet metal flashing as specified in Section 07620. Joint Sealants: Install joint sealants as specified in Section 07920.

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. Product Warranty: Applicable warranty shall be issued to owner upon final release of completed project.