

THERMAL FRAMING SYSTEM (LEVEL 1-8)

PART#: BL650
PRODUCT LINE: FRAMES

DESCRIPTION

The TSS 650 Thermal bullet-resistant aluminum frame is designed to accept bullet-resistant glazing (glass clad polycarbonate) materials from 1¼" to 2½" thick. The TSS 650 System is thermally broken, allowing for this system to not only meet the ballistic resistance needs but also environmental needs. The extruded aluminum is UL tested up to UL Level 8.

OPTIONS

- Glazing 1 1/4" to 2 1/2" thick
- Clear anodized finish
- Dark bronze anodized finish
- System is 6 1/2" wide by 2 1/2" tall

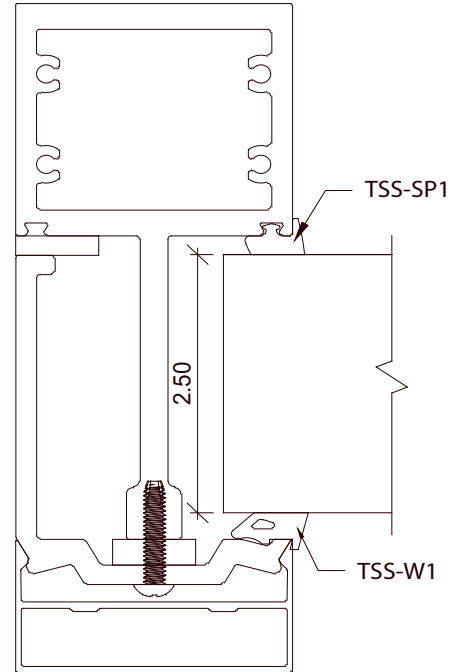
Other custom coating options are available upon inquiry.

RATINGS

- U.L. Level 3-8

STANDARDS

- U.L. 752 Standard for Bullet Resistant Materials
- ASTM B209 Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
- ASTM B221 Standard Specification for Aluminum and Aluminum Alloy Extruded Bars, Rods, Wires, Profiles, and Tubes



PROPERTIES & SPECIFICATIONS

Protection	Level 3-8
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
Pounds per Linear Foot	Varries
Density	0.098 lb/cubic inch
Spec. Gravity	2.7
Melting Point	1090°
Mod. of Elasticity Tension	10
Mod. of Elasticity Torsion	3.8