

NON-RATED ALUMINUM TWO-PIECE U-CHANNEL (LEVEL 1-3)

PART#: U-CHANNEL_ALUMINUM_L1-L3

PRODUCT LINE: FRAMES

DESCRIPTION

The TSS Non-Rated Aluminum U Channel is designed to accept bullet-resistant glazing materials (acrylic, laminated polycarbonate or glass clad polycarbonate) from $\frac{3}{4}$ " to $1\frac{3}{8}$ " thick.

OPTIONS

- Glazing $\frac{3}{4}$ " to $1\frac{3}{8}$ " thick
- Clear anodized finish
- Dark bronze anodized finish

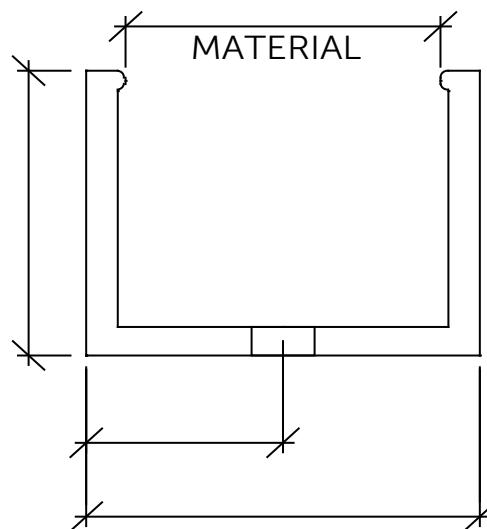
Other custom coating options are available upon inquiry.

RATINGS

- ASTM B 209
- ASTM B 221

STANDARDS

- 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	Non-Rated
Material	Aluminum 6061-T6 Alloy/Tempered
Exposed Fasteners	None
Cut Away Dimensions	$1\frac{1}{16}$ " x $1\frac{1}{4}$ "
Yield Strength	40,000 PSI
Ultimate Tensile Strength	45,000 PSI
Brinell Hardness	95
Rockwell Hardness	B60
Density	0.098 lb/cubic inch
Spec. Gravity	2.7
Melting Point	1090°
Mod. of Elasticity Tension	10
Mod. of Elasticity Torsion	3.8