

PRODUCT DISCRIPTION

TSS Level One AR acrylic sheets combine the physical characteristics of cast acrylic sheets with an abrasion resistant, cleanable surface. The surface is a cross-linked polysilicate resin. This unique treatment gives an outstanding combination of properties including abrasion resistance, solvent resistance and weatherability, including increased resistance to the effects of ultra violet light. TSS Level One AR acrylic sheets are to be used in applications where optical quality, cleanability and long term retention of properties are important.

SPECIFICATIONS

USES: TSS Level One AR acrylic sheets are to be used in applications where optical quality, cleanability and long term retention of properties are important.

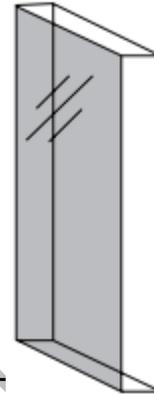
LIMITATIONS: To be used as a Level 1 bullet resisting glazing material. Impact of projectiles from other higher level weapons may cause system failure. End user to determine specific protection requirements.

TECHNICAL DATA

Protection	9 mm
Ballistic Data	Velocity 1: 1350 ft/s Velocity 2: 1400 ft/s
Light Transmission	>90%
Haze	>1.0%
Refractive Index	1.49
Yellowness Index	<0.7
Thickness	1 1/4"
Weight	7.7 lbs/sqft
Self Ignition Temperature	995°F
Burn Rate	1.2 in/min
Abrasion Resistant Coating ASTM D-1044	<2.0%

GLAZING MATERIAL

PRODUCT: COATED AR 1.25 1 1/4"



THREAT

SECURE

BALLISTIC RATING

- U.L. Level 1 – 9 MM

HANDLING INFORMATION

It is imperative to clean the glazing unit during and after the construction period to maintain optimum performance and aesthetic properties. To clean, use a soft, clean cloth and a mild soap, detergent, or slightly acidic cleaning solution (such as vinegar). Wipe with a clean, lint-free cloth.

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.