

ACE POLYMATRIX IGU

DESCRIPTION:

The industry's first ballistic double pane, insulated glass unit (IGU) designed to fit in standard off-the-shelf commercial 1 inch storefront window framing systems.

APPLICATION:

Designed for seamless architectural, engineering and construction integration in new building and window replacement projects, meeting higher risk security requirements of government, corporate and public building operators. By fitting into standard commercial storefront framing units, no additional engineering, design, fitting or framing is required¹.

PROPERTIES AND SPECIFICATIONS

Ballistic Rating	UL 752, Level 2
Aggressive forced entry and general safety	UL 972 burglary resistance, USC S332 burglary resistance, ANSI Z97.1, CPSC 16 CFR 1201 Cat I & II, GSA bomb blast resistance
General properties	Ballistic resistant assembly with 1 inch profile thickness, fitting to standard, commercial framing systems
Nominal thickness	1 inch
Weight loading	8.2 lb / ft ²
Optical clarity / light transmission	91%
Solar energy	Transmitted: 72% Rejected: 16% Absorbed: 12%
UV Rejection	99%
Warranty	5 years manufacturers' warranty from date of delivery

OPTIONS

- Can be finished with tinted and RF (radio frequency) blocking treatments. Contact us for details.

DESIGN AND ORDERING

To discuss your project with a no obligation consultation or to get our 3 Part Architectural Specification, contact us at info@usace.com or **888-607-0000**.



WARRANTY, LIFECYCLE AND MAINTENANCE

Finished with a durable acrylic scratch resistant coating, the ACE Polymatrix ballistic IGU (UL-752 Level 2) is intended for government, corporate and public facilities and will withstand normal maintenance and cleaning programs. Backed by a five manufacturers' warranty.

¹ Consult a licensed architectural or engineering professional to confirm what is required for your project.