

ACE-Polymatrix™

SOLID POLYMER MATRIX

DESCRIPTION:

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

PRODUCT SERIES	ACE Polymatrix - TRANSPARENT POLYMER MATRIX	
PRODUCT NAME	ACE Polymatrix - FLEXIBLE BALLISTIC PANEL.	
THICKNESS	0.261" / 6.63mm (nominal value)	
STRUCTURAL COMPONENTS	3	
TECHNICAL DATA	PHYSICAL	OPTICAL
	<ul style="list-style-type: none">• Rupture Strength 1710lbs./inch (width)• Tensile Strength 14,100psi• Break Strength 3650 lb-ft (energy)• Bonding Strength 32lbs./inch• Weight 1.04 lb/ft²• Content: PE-18%(min. by volume) PC-74%(min. by volume) PA- 8%(min. by volume)	<ul style="list-style-type: none">• Visible light transmitted - 91%• UV Rejection - 99%• Solar Energy Transmitted - 72% Rejected - 16% Absorbed - 12%• Shading Coefficient - 0.91• Total Solar Energy Rejected - 17%

BALLISTIC PROTECTION UL752 Level 1 - Level 8

DESIGN AND ORDERING

To discuss your project with a no obligation consultation or for 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 1) is intended for government, corporate and public facilities and will withstand normal maintenance and cleaning programs. Backed by a three year manufacturers' warranty. Contact us for the product MSDS and cleaning information.

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

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