

Comparison: ACE Polymatrix v. traditional bulletproof glass

Beautiful, strong, functional. Glass is an integral part of modern building design. But glass is also the weak link in any building and increasingly vulnerable to attack. Around the world, threats are escalating, requiring security professionals to meet this new, higher-risk environment.

ACE Polymatrix technology is designed for seamless integration into existing buildings, enabling you to quickly respond to new, emerging threats. We've provided this summary comparing ACE Polymatrix technology to traditional bulletproof glass offerings. It will enable you to quickly evaluate your project and compare the ACE advantage.

COMPARISON ACE POLYMATRIX VERSUS TRADITIONAL BULLETPROOF GLASS¹

	Traditional bullet proof glass	ACE Polymatrix
Weight per ft2 (UL-752 Level 2)	9 – 16 pounds	14 ounces
Cost per ft2 (installed, UL-752 Level)	\$300 - \$500 + / ft ²	\$170 - \$200 / ft ²
Thickness	1 inch +	¼ inch
Retrofit of existing glass	NO	YES
Engineering study / weight load	YES	NO
Requirement for specialized framing	YES	NO
Time to deliver and install	Months – years	Weeks

¹ Figures are provided for comparison purposes only based on publicly available market information. Your situation may vary. Contact us for details.

The World Leader in Glass Retrofit Technology

DETAILS

- Installed on existing glass or new construction
- Third party tested to UL-752, NIJ 0108.01 and EN 1063 ballistic standards
- Customized protection up to and including UL-752 Level 8 (7.62 x 51 NATO FMJ)
- As little as 1/3rd, or less, the weight and thickness of traditional bullet-resistant glass
- High level of fragmentation resistance in event of an IED attack
- Optically clear
- Backed by a 5 year manufacturers' warranty

BENEFITS

1. The most widely commercialized and deployed ballistic glass retrofit technology in the world
2. Installed on standard, commercial grade glazing
3. A fraction of the cost of traditional BR glass
4. Significantly reduced weight loading compared to traditional BR glass
5. Reduced lead times
6. Reduced engineering and structural costs
7. Windows can be retrofitted in-situ enabling rapid response to an evolving threat
8. Backed by 20 years of field and laboratory testing

FINANCING SOLUTIONS



Speak to us about our third-party financing solutions offered by our financial partner, Citizens Bank.

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**.

ACE Polymatrix[®]

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 five 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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