



# C-BOND BRS BALLISTIC RESISTANT SYSTEM PERFORMANCE DATA SHEET

## WHAT IS C-BOND BRS?

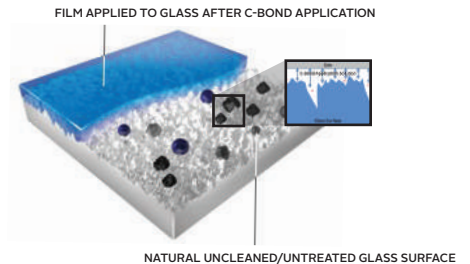
C-Bond BRS is a ballistic resistant film system independently validated to pass National Institute of Justice (NIJ Level I, Level IIA) and United Laboratories (UL 752) ballistic resistance test standards. C-Bond BRS is comprised of a proprietary security film installed with C-Bond Secure, a patent protected nanotechnology film mounting solution on a specified glass configuration.

## HOW DOES C-BOND'S NANOTECHNOLOGY WORK?

C-Bond's patented solutions enable glass to dissipate energy using nanotechnology to locate and repair the microscopic surface defects that weaken glass. C-Bond's products improve the strength, toughness, and flexibility of glass, and increase resistance to breakage due to impact.

## BENEFITS AND FEATURES

- Validated NIJ Level I, Level II, Level IIA, UL 752 Ballistic Protection
- Increases Glass Strength and Flexibility
- Unique One Way Ballistic Capability
- Cost Effective and Efficient
- Easy to Install and Retrofit



## HOW IS C-BOND BRS INSTALLED?

C-Bond BRS is a multi-layer application on specific glass sizes and types. It can be installed on existing glass surfaces or can be easily retrofitted into existing framing systems without the additional cost for structural changes to the building design.

## C-BOND BRS PERFORMANCE

Caliber	Test Level		Glass Type	Glass Thickness	Minimum Layers of Film	Glass Type	Glass Thickness	Minimum Layers of Film
22	NIJ Level I	UL Level I	Anneal Monolithic	3/8	3	Anneal IG	1/4 - 1/4 (1/2 air gap)	3 - 1 on the outside
38	NIJ Level I	UL Level I	Anneal Monolithic	3/8	3	Laminated Glass	1/4-1/4 (1/2 total)	3
9mm	NIJ Level II/IIA	UL Level II	Anneal Monolithic	1/2	3	Laminated Glass	1/4-1/4 (1/2 total)	3
357	NIJ Level II/IIA	UL Level II	Anneal Monolithic	1/2	3	Laminated Glass	1/4-1/4 (1/2 total)	3

## HOW WAS IT TESTED?

C-Bond has been tested and validated by independent third party laboratories in accordance with government, law enforcement and industry standards including American National Standards Institute (ANSI), American Society for Testing and Materials (ASTM), General Services Administration (GSA), National Institute of Justice (NIJ), Consumer Product Safety Commission (CPSC) and Underwriters Laboratories (UL).

