



## C-BOND I MULTI-PURPOSE GLASS STRENGTHENING PRIMER AND WINDOW FILM MOUNTING SOLUTION PERFORMANCE DATA SHEET

### WHAT IS C-BOND I?

C-Bond is a patent protected, multi-purpose glass strengthening primer and window film mounting solution. The C-Bond formula is a water-based, non-toxic, 'green' nanotechnology innovation designed to significantly increase the structural integrity of glass, enhance glass flexibility and improve the performance of window film-to-glass products.

### HOW DOES IT WORK?

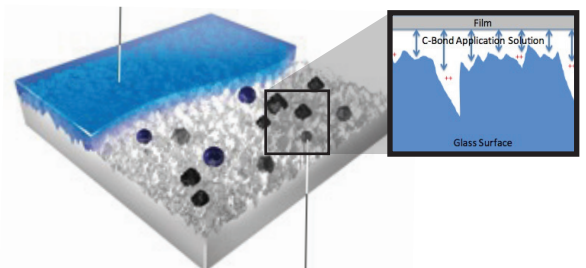
C-Bond is a "smart solution" engineered to maintain original glass design integrity while dramatically increasing the mechanical performance properties of the glass unit. It enables ordinary glass to dissipate energy by permeating the glass surface and identifying microscopic flaws and defects that are randomly distributed and a natural part of every glass surface. C-Bond's proprietary technology then works to covalently bond to and repair the identified surface imperfections that weaken the glass composite structure and act as failure initiators.

The C-Bond formula also improves the performance of window film products by filling the capillary voids on the glass surface preventing the trapping of moisture and impurities that impede cure time and adhesion between the glass and any succeeding film product. This is important so that in case of impact, no large pieces will escape the immediate area of the glass surface that could otherwise result in serious laceration and/or personal injury.

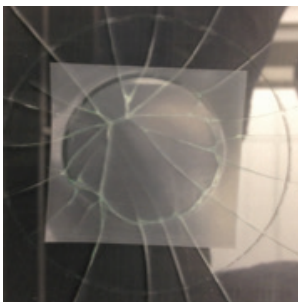
### BENEFITS AND FEATURES

- Increases Glass Strength **up to 100%**
- Increases Glass Flexibility **up to 100%**
- Improves Film-to-Glass Adhesion **up to 100%**
- Decreases Film-to-Glass Dry Time **by 75%**
- Reduces Spontaneous Glass Failure from Thermal Stress
- Alters Glass Breakage to a Safety Pattern

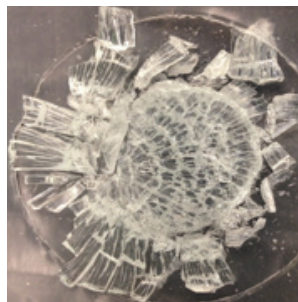
GLASS SURFACE AFTER C-BOND APPLICATION



NATURAL UNCLEANED/UNTREATED GLASS SURFACE



Normal Glass Breakage



Glass Breakage with C-Bond

### EASY TO INSTALL

***New Standard for BEST PRACTICE and EXCELLENCE in ALL Window Film Applications***

### 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).

\* Test reports available upon request or at [www.cbondsystems.com](http://www.cbondsystems.com)