

Theft

XO Armor® films deters the would-be thief allowing for more response time for law enforcement.

Storm

Ordinary glass makes you vulnerable to storm debris damage. Unlike other wind borne debris protection, XO Armor® films protect your home or business 24hrs per day. XO Armor® films require no maintenance and you will never find yourself in the middle of a storm looking for plywood. The most important thing you can do is to keep the glass in place. XO Armor® films hold the glass together keeping the storm outside.

Blast

Even at distances of several miles, the blast shock wave can break windows and propel fragments of glass through your buildings at speeds over 100 miles per hour. XO Armor® film products are approved options for you GSA Level C and GSA Level D projects. XO Armor® films hold the glass together mitigating airborne projectiles.

Ballistic

XO Armor® films has passed the National Institute of Justice (NIJ) Threat Levels I, II-A, and III-A as well as UL752 Level 5- with NIJ Level I being achieved on a simple single-pane 1/4" clear glass. XO Armor® films reduce your vulnerability by improving the ballistic performance characteristics of existing glass.

Graffiti

Whether storefront, Mass transit, or similar, XO Armor® Graffiti performs as a clear, sacrificial layer that can be removed and replaced after tagging and holding glass fragments together.

Turning Vulnerability into Security
with XO Armor® films



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Game Changing Technologies

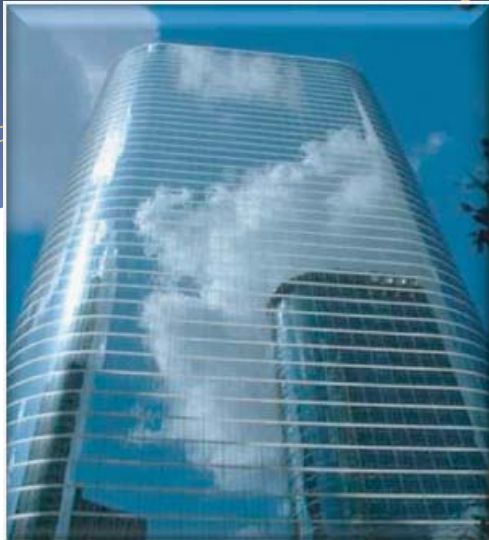


XO ARMOR®
APPLIED FILM APPLICATIONS

XO Armor® is a Nano-Technology window film that upgrades your windows to withstand hurricane force winds at a reasonable cost.



Authorized distributor for XO Armor® Products



Solar Protection-Save Energy

XO® Solar Films

- Up to 96% IFR Rejection
- 70% Visible Light Transmission
- 100% Visible Light Absorption
- Up to 65% Total Heat Rejection
- 99% UV Rejection (for solar panels, this can be deleted)
- Spectrally Selective - low reflectivity
- Reduces Carbon Footprint
- LEEDS Certified
- ROI is usually less than 3 year
- Recovery through Retro-Fit Initiative -Tax Credit Approved



ARMOR SECURITY FILM

XO Armor® is a revolutionary process combining XO® Films with our mounting solutions XO® Bond Mount. Unlike conventional safety and security films, these unique mounting solution penetrates the glass to form a molecular bond between existing glazing and XO® Film, transforming the new field-laminated glass into a super strong protective shield against bullets and debris without the level of distortion often seen in conventional ballistic glazing.

SOUND ATTENUATION

Sound attenuation can be an important consideration when choosing windows and doors. In areas where there are recognized noise impacts (65DNL or above) soundproofing and other noise attenuation measures can be effective. XO® films reduce noise levels, effectively curtailing noise complaints from residential and commercial property owners. This product has proved to be the most cost effective method of satisfying FAA mandated noise attenuation.

ELECTRONIC EAVESDROPPING

Ordinary glass makes you vulnerable to electronic eavesdropping. In May 2005, the United States General Accounting Office (GAO) issued a report stating “the wireless networks at the six federal agencies we tested were not secure.” Whether through Eavesdropping, Traffic Analysis, Masquerading, or Replay, someone may be watching your data and the right XO® film can turn vulnerability into a strength.

XO ARMOR® RETRO-FIT TESTING

Function	Testing Protocol
Glass Safety	ANSI Z 97.1
	CPSC 16 CFR 1201
	ASTM D 790-07
Theft	UL-972
	BS EN-356
	ASTM F 1233
Storm	PA 201 (TAS 201)
	PA 202 (TAS 202)
	PA 203 (TAS 203)
	ASTM E 1886-05
	ASTM E 1996-06
	ASTM E 330-02
	ASTM E 1233-06
	ASTM E 998-05
Blast	Texas Dept. of Insurance
	GSA Level C GSA Level D
Ballistic	NIJ I
	NIJ II -A
	NIJ II
	NIJ III -A
	UL 752 -Level 1 UL 752 -Level 5
Electronic Eavesdropping	IEEE-299-1997
Fire	ASTM E 2074-00
	ASTM E 2010-01
Sound Attenuation	ASTM E 1425-07