LightWise® Architectural Systems Blast-Resistant Glass Block Panels

- Greater security than conventional windows
- Enhanced protection for building occupants
- Meets GSA and UFC 04-010-01 blast glass standards

Many injuries to building occupants are caused by glass fragments sent flying through the air from the force of a blast. Unlike laminated flat glass, which will often crack and sometimes release fragments during a blast, there was no cracking or loss of glass in the tests conducted on our LightWise Architectural Systems Blast-Resistant Glass Block Panels.

Our patent-pending blast-resistant panels have been designed and tested to meet and exceed stringent government, military and international building requirements to give you the beauty of glass with the utmost protection.

MAKES THREATS LESS THEATENING—BY MAKING IMPACTS LESS IMPACTFUL.
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Blast-Resistant Glass Block Panels
LightWise Architectural Systems Blast-Resistant Glass Block Panels let in light while providing privacy and protection from various levels of blast. They are the perfect choice for high-risk buildings such as military facilities, airports, government offices, embassies, courthouses, correctional facilities, arenas, financial centers, offices and other high-profile public and retail spaces.

System Security Features
- Meets GSA and UFC 04-0110-01 blast glass standards
- Offers enhanced protection to building occupants
- Provides greater security than conventional windows
- Reduces hazardous glass fragments
- No cracking or loss of glass during testing

Engineering analysis supplemented with shock tube testing performed by an independent laboratory has determined that Lightwise Architectural Systems Blast-Resistant Glass Block Panels with sizes ranging from 4’ x 4’ to 8’ x 8’ perform to an ASTM “Minimal Hazard” or GSA “Performance Condition 2” or better for:
- General Services Administration (GSA) Level C and Level D
- Unified Facilities Criteria (UFC) DoD Minimum Antiterrorism Standards for Buildings Type I threats at 25m and 45m standoff distances and Type II threats at 10m and 25m standoff distances
- For Petrochemical applications, a successful blast test of longer duration was also performed

Smaller and larger windows are available. Contact Seves Glass Block for more information.

System Facts
LightWise Architectural Systems Blast-Resistant Glass Block Panels consist of glass block framed by a 2-piece aluminum channel. Standard channel is mill finished, anodized clear or bronze. Powder coating is also available.

Glass Block Patterns Available

NUBIO™ Pattern
CLARITY™ Pattern
ENDURA™ Pattern

System Design Features
- Visually stunning, pre-fabricated panels are easy to install
- Customizable to meet project needs
- Guaranteed to meet your performance requirements
- Useful for daylighting strategies and can contribute to LEED points
- Available with a range of visibility and privacy options
- Graffiti-resistant, damage-resistant and easy to clean
- Panels can be installed from either the interior or exterior of a building
- Real glass is easy to maintain unlike films or plastics, which scratch easily
- Real glass will not yellow over time unlike films or plastics

Seves Glass Block has a sales and technical support team that is ready to help you design, engineer and specify glass block solutions. Please visit www.sevesglassblock.com or call 877-SEVES11 for assistance.