

# Leading Window Manufacturer Offers Certified Blast Proof Windows

*Intus Windows, says that its uPVC Eforte line of windows has been tested and is now certified as meeting Blast Proof Class 2 GSA Performance Condition Specs*

NEW YORK, NEW YORK, USA, July 8, 2014 /EINPresswire.com/ -- According to Aurimas Sabulis, managing director of Intus Windows

(<http://www.intuswindows.com/>), a worldwide leader in top-of-the-line [high performance windows](#), Intus Windows has announced that its uPVC Eforte line of windows has been tested and is now certified for Blast Proof Class 2 GSA Performance Condition Specifications.

“Today, many government and commercial office buildings are required to be constructed using [blast proof certified windows](#),” says Sabulis. “Intus Windows and its Eforte Series uPVC window line now meet those criteria through the ASTM F 1642-04 and GSA-TS01-2003 testing specifications.”

Intus Windows is a leading manufacturer of top-of-the-line high performance triple pane energy efficient windows that are utilized throughout North America and Europe. Now, those same high performance windows are now available to serve the needs of industries that require blast proof windows. According to

Sabulis, testing was performed by Architectural Testing, Inc. utilizing its “shock tube,” housed in a 10,000 square foot state-of-the-art testing facility in Pennsylvania.

“The tests simulated the effect of a high explosive charge at a specified distance” he explains. “Shock waves were then generated in the shock tube by the sudden rupturing of a thin aluminum membrane. As the shock wave expands during its travel down the tube, it impacts the window target with a specific positive pressure and impulse.”

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Intus Window



Premier 78 window



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According to his company, the Intus Eforte uPVC fixed and dual action windows passed the tests and received the GSA Performance Condition rating of “2” with an ASTM Hazard Rating of “Minimal Hazard.”

“When an explosion occurs near an occupied building, most of the severe non-fatal injuries are caused by flying glass from shattered windows,” says Sabulis. “This is where a window that has been tested and rated as a Blast Proof, Class 2 window, comes into play.”

He explains that the use of laminated glass with two panes of annealed glass sandwiched around an interlayer of polyvinyl-butylal (PVB), when subjected to a blast, traps any shards of glass inside the interlayer, which stretches out to absorb energy without allowing fragments to enter the building. The entire window and window framing are engineered so that the pane does not separate from the wall.

“The hazard to the building and its occupants from an exterior explosion is considerably reduced when a [blast proof window](#) is used,” he concludes. “That is why so many government buildings require this type of window classification.”

Intus Windows (<http://www.intuswindows.com/>) is a pioneer in manufacturing and distributing super energy-efficient windows and doors in the United States. Driven by technology, innovation, and continuous progress Intus Windows energy-efficient windows, doors, and curtain walls lines will fit any commercial, residential or industrial application, and they are Passive House Certified and suitable. For the past 18 years the company has manufactured and installed more than 600,000 windows and doors all over the world, with main export markets in Europe, Asia, and the Middle East. Today, with a manufacturing facility in Lithuania, Intus has entered into the super energy-efficient window market here in the United States. For more information, call 1-888-380-9940.

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