



## UFC 4-010-01 DoD Minimum Antiterrorism Standards for Building

Solatube International has tested standard configurations of the Solatube 330 DS, 750 DS, and M74 DS Daylighting Systems in accordance with UFC 4-010-01, Unified Facilities Criteria (UFC) DoD Minimum Antiterrorism Standards for Buildings. The Unified Facilities Criteria (UFC) system is prescribed by military standards and provides planning, design, construction, sustainment, restoration, and modernization criteria, and applies to the Military Departments, the Defense Agencies, and the DoD Field facilities. The UFC is used for all DoD projects and work for other customers where appropriate.

Samples were tested to the following test specifications:

- ASTM F1642, Standard Test Method for Glazing and Glazing Systems Subject to Airblast Loading
- ASTM F2912, Standard specification for Glazing and Glazing Systems Subject to Airblast Loading
- GSA-TS01-2003, US General Services Administration Standard Test Method for Glazing and Window Systems Subject to Dynamic Overpressure Loadings
- Unified Facilities Criteria (UFC) 4-010-01, Change October 2013, DoD Minimum Antiterrorism Standards for Buildings

The tests were conducted by an ANSI accredited third party laboratory with the intent of achieving an acceptable rating. The attached test results show that the samples submitted passed the requirements of the above mentioned test specifications and are considered by the UFC to be beyond minimum standards. Below are the achieved ratings from the testing:

### Solatube 330 DS and 750 DS

Level Of Protection – New and Existing Buildings		
UFC Level Of Protection	ASTM Hazard Rating	Potential Door and Glazing Hazards
Medium	No Hazard	Glazing will fracture, remain in the frame and results in a minimal hazard consisting of glass dust and slivers.
High	No Break	Innermost surface of glazing will not break.(No Break hazard rating)

### Solatube M74 DS

Level Of Protection – New and Existing Buildings		
UFC Level Of Protection	ASTM Hazard Rating	Potential Door and Glazing Hazards
High	No Break	Innermost surface of glazing will not break.(No Break hazard rating)

These test reports will allow Solatube International to continue to specify into the growing market of military and government projects.

The Solatube 330 DS and 750 DS configurations were tested on both the Self-Mounted Flashing and the Curb Cap Flashing with single and dual acrylic dome configurations. The Solatube M74 DS was tested with a single polycarbonate dome configuration. These test ratings cover both open and closed ceiling application for the 330 DS and 750 DS product lines and all open ceiling application for the M74 DS product line.

A copy of the test results page and test specifications can be found on the Technical Resources page of the Solatube Website. [www.solatube.com](http://www.solatube.com)

Please contact your Solatube International representative with any questions.