

How is Fragment Retention Film Rated?

In facilities controlled by the US General Services Administration, Fragment Retention Window Film performance rating is based on test methods which use the Interagency Security Committee's (ISC) Security Design Criteria. The ISC Criteria rates the performance of window systems subjected to airblast loads. The GSA/ISC performance condition for window system response, as related to protection and hazard levels, is listed below.

Performance Condition	Protection Level	Hazard Level	Description of Window Glazing Response
1	Safe	None	Glazing does not break. No visible damage to glazing or frame
2	Very High	None	Glazing cracks but is retained by the frame. Dusting or very small fragments near sill or on floor acceptable.
3a	High	Very Low	Glazing cracks. Fragments enter space and land on floor no further than 3.3 ft. from the window.
3b	High	Low	Glazing cracks. Fragments enter space and land on floor no further than 10 ft. from the window.
4	Medium	Medium	Glazing cracks. Fragments enter space and land on floor and impact a vertical witness panel at a distance of no more than 10 ft. from the window at a height no greater than 2 ft. above the floor.
5	Low	High	Glazing cracks and window system fails catastrophically. Fragments enter space impacting a vertical witness panel at a distance of no more than 10 ft. from the window at a height greater than 2 ft. above the floor.



Concentric Security University
7560 Main Street, Sykesville, MD 21784
P 410.552.9950 F 410.552.9939
Website: www.ConcentricU.com
Email: info@ConcentricU.com