Johnson Window Films advises all of our dealers to promote our Trident and Defendor film lines carefully and accurately. Please read the following statement below:

IWFA Statement on Use of Safety/Security Films for Intrusion Protection

CARSON January 30th, 2013

Windows and doors are the most vulnerable parts of a home, public building or place of business. They are points of entry for people that may mean harm to the occupants. Glass is also an inviting target for vandals intent on mischief or worse.

The use of safety/security window films alone likely will not prevent intrusion through glass. Instead, it may increase the amount of time needed to break through the filmed glass system or deter the efforts of the potential intruder altogether after unsuccessful multiple attempts to enter through the filmed glass. Even if the filmed glass were to remain substantially intact, the framing system may not be able to contain the filmed glass; in that case, the condition of the filmed glass may offer less intrusion-delay benefit.

Safety/security window films applied to glass are tested to the same break safe standards required of tempered glass, heat-strengthened glass, and laminated glass. Window film manufacturers have copies of the actual laboratory test reports validating what their products do to meet specific impact testing standards.

Safety/security films are used extensively on federal and state government buildings and large corporations for increased protection from the hazards of flying glass fragments during a crisis such as a bomb blast or other types of attacks.

Upon repeated impacts to the same area, films can begin to tear due to the edges of the broken glass fragments penetrating the thickness of the film. This means that, in general, although films can help greatly by reducing glass hazards upon initial impact, with repeated impacts they may not continue to perform as well. Thicker films and films made from multiple layers (laminated films) perform better, in general, in situations where there will be repeated impacts to the glass, even after breakage has occurred.

The main benefit of safety/security film is to be an invisible shield to offer protection from broken glass and possibly deter or at least delay unwanted entry. When ordinary annealed glass breaks, it poses considerable danger, but with filmed glass, this hazard may be significantly reduced.