

## Security Film Basics

*Protective Polymeric films* are an amazing technology. The idea that something so clear, thin and light could be the difference between serious injury or even life and death, is quite simply, astounding. However, this is where installers in the past have gotten into serious trouble by overstating the potential of these Safety and Security film products.

Safety and Security films are primarily designed to do one thing: **Hold the Glass Together in the event of Breakage**. Lets say that in reverse – When the glass breaks, the purpose of the Protective Film installed to it is to hold/bind the majority of shards or particles, together in one piece. It is important to remember this fundamental design goal.

Now that we know that; there are a number of other benefits that come from Polymeric Safety films:

- Properly installed films pass explosion tests; attaining a low hazard rating after bomb ignition.
- Security films reduce the risk of forced entry, and delay/deter criminals.
- They provide a barrier to wind and rain in the event of breakage.
- Can help hold windows intact after an earthquake.
- Reduce the danger of lacerations during accidental human impact.
- Safety film provides an unseen shield to UV rays, protecting the occupants behind it.

**Lets talk about what Polymeric Safety and Security film is NOT:**



It is not Hurricane Proof, Bullet Proof, Storm Proof, Shatter Proof, and Suicide Proof. It will not stop a sniper, nor a windblown flying park bench during a tornado. If a tree falls on the window it's probably going to break through. If a thief with a sledgehammer is left alone at a film covered business window he will eventually get in.

We don't promote our film as "Bullet Proof"...  
Do you?

These films can and do successfully stop many violent impacts of various nature, however you never want to over sell these films beyond the test ratings that they qualify for and the specific application they are recommended to.



Do you think security film would help here?  
Think again.

All that being said, you can always truthfully say "You are much better off with it, than without it!"