



## 100 Series™ Safety First

**Common** accidents involving windows and doors often produce dangerous shards of glass causing serious injury and costly damage. ACE™ security laminates assist in eliminating these problems by converting ordinary windows into protective safety glass.

It's not enough to protect your home with even the most advanced security system. Unless you reinforce your glass windows and doors, intruders can still enter your home after the alarm sounds.

ACE products complement your safety and security needs. ACE provides top quality security window films that in most cases stop thieves before a break-in occurs.

ACE security films are almost impenetrable for a common smash and grab thief. Under attack, whether it be intentional or accidental, ACE safety films continue to resist penetration. If your window breaks, our film's adhesive grip will hold the majority of broken glass fragments together. The strengthening force of ACE security films discourages thieves and provides clients with peace of mind.

ACE security window films are third-party tested by the internationally renowned laboratory, Intertek Testing Services (ITS). Test reports certify that ACE security

window films meet and exceed safety standards for glass. In fact, the ACE 100 series have a break strength measuring up to 190 pounds per inch.

When you purchase security window films, make the right choice. Reinforce your glass windows and doors with ACE security films. It is a one-time investment that pays off.

ACE security films are recommended for homes, apartments, offices, hospitals, schools and vehicles.



*ACE laminates can protect against injury and damage from flying glass caused by extreme weather.*

## Applications

- Shatter control
- Bomb blast resistance (SF7)
- Added protection during hurricanes, tornadoes and earthquakes
- Available in clear or shades of grey and silver

## Details

- Apply to new or existing glass
- Rejects up to 99% of harmful ultraviolet rays
- Optically clear
- Installation conducted by professional technicians
- Backed by a lifetime warranty

## Specifications

Laminate	SF5 - clear	SF6 - S 20	SF6 - G 50	SF7 - clear	SL9 - clear	SL11 - S 20	SL11 - G 50	SL14 - clear	ASLX
Classification	100 Series	100 Series	100 Series	100 Series	200 Series	300 Series	300 Series	300 Series	300 Series
Color	Transparent	Silver	Gray	Transparent	Transparent	Silver	Gray	Transparent	Transparent
Number of laminate layers	1	2	2	1	2	3	3	3	3
Laminate thickness with adhesive inches	0.005	0.006	0.006	0.007	0.009	0.011	0.011	0.014	0.014
Laminate thickness with adhesive microns	127	152	152	178	229	279	279	356	356
Tensile strength lbs/inch	28000	28000	28000	28000	28000	28000	28000	28000	28000
Breakstrength lbs/inch	110	132	132	190	221	240	240	350	350
UV radiation rejection %	98	98	99	98	99	98	99	98	98

DISCLAIMER: Installed according to factory specifications, ACE™ security laminates have been shown to reduce injuries from glass breakage. No window security film or laminate should be considered break-proof, bullet-proof or bomb-proof. At no time does ACE promote or lead readers to believe break-proofing, burglar-proofing, bullet-proofing or bomb-proofing can be achieved solely with the use of ACE products.

Advanced Coatings Engineering LLC is authorized to use the Trademark ACE™ to designate security laminates manufactured under license by Advanced Coatings Enterprises Inc.

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