

### Trust that can't be shattered....



In an uncertain world, here is a measure of security.....



The fact is, we live in a dangerous world and we have to be prepared for every contingency. Ecodrive security and safety films offer protection to your home or office in a number of important ways.

#### Protection from Accidents

Like an invisible shield, our security films offer protection from broken glass when accidents occur at home and at work. When ordinary annealed glass break, the shattered pieces pose considerable danger. Our security films are engineered with powerful adhesives that reduce the hazard of broken glass by keeping the pieces together and safely attached to the film.

#### **Protection from The Elements**

During violent weather when glass breaks, wind, rain and flying debris are given full access to your home or office, causing property damage and destruction. Ecodrive security films are able to withstand extraordinary wind and force, helping to prevent entry of water and wind-borne debris and providing superior protection 24-hours a day.



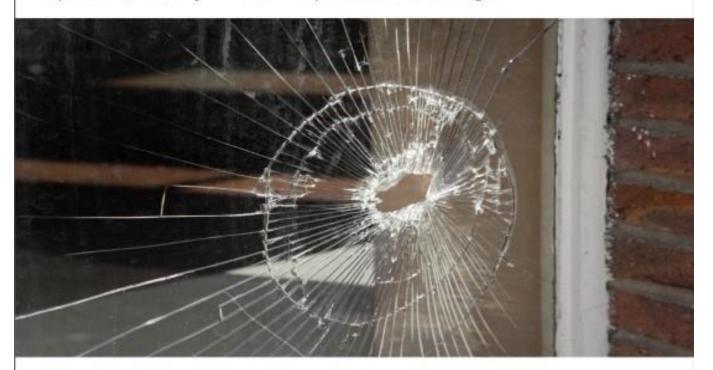
#### **Protection from Crime**

Windows and doors are the most vulnerable parts of your home or place of business, as they serve as points of entry for intruders. Our security films make it difficult for intruders to readily penetrate the glass, as the powerful adhesives keep it from shattering.



#### **Protection from Explosions**

Bombs. Industrial explosions. Terrorist attacks. In an instant, an explosion can fire broken glass fragments at lethal speeds. Research conducted after explosions, points to flying and broken glass as one of the main causes of death or injury. While nothing can completely protect against powerful explosions, security films can help reduce the damage.



#### Key benefits of Ecodrive safety and security films:

Available in clear invisible tints that from a penetration-resistant protective shield, helping keep glass in place in the event of shattering.

Block up to 99% of the sun's rays that fade carpets and upholstery, there-by providing fade reduction, as well as protection from harmful ultraviolet rays.

Reduce heat and promote energy conservation.

Reduce light and glare (especially useful for safety on the road).



# Clear Safety 4 mil

Visible Light Transmission	89%
Visible Light Reflection	10%
Ultraviolet Rejection	99%
Infra Red Rejection	00%
Total Solar Energy Rejection	16%
	- 10

Visible Light Transmission	0.97
Visible Light Reflection	1.06
Ultraviolet Rejection	0.85

Available Width: 60 inch	Elongation at break (%)	167
Warranty Period : 3 years	Peel Strength	>3300
Tensile Strength: 34300	Puncture Strength (lb)	78
Break Strength : 140	FDSD	101



# Silver Solar & Safety 4 mil

Visible Light Transmission	53%
Visible Light Reflection	19%
Ultraviolet Rejection	99%
Infra Red Rejection	60%
Total Solar Energy Rejection	51%
	- 10

Visible Light Transmission	0.58
Visible Light Reflection	1.01
Ultraviolet Rejection	0.49

Available Width: 60 inch	Elongation at break (%)	142
Warranty Period : 3 years	Peel Strength	>3200
Tensile Strength: 30400	Puncture Strength (lb)	76
Break Strength: 120	EDSD	102



# Charcoal Solar & Safety 4 mil

	1.7
Visible Light Transmission	53%
Visible Light Reflection	19%
Ultraviolet Rejection	99%
Infra Red Rejection	51%
Total Solar Energy Rejection	46%
Visible Light Transmission	0.64
Visible Light Reflection	1.06
Ultraviolet Rejection	0.54

Available Width: 60 inch	Elongation at break (%)	142
Warranty Period: 3 years	Peel Strength	>3200
Tensile Strength: 28716	Puncture Strength (lb)	76
Break Strength: 105	EDSD	103



# Charcoal Solar & Safety 4 mil

Visible Light Transmission	20%
Visible Light Reflection	45%
Ultraviolet Rejection	99%
Infra Red Rejection	86%
Total Solar Energy Rejection	78%

Visible Light Transmission	0.24
Visible Light Reflection	1.00
Ultraviolet Rejection	0.20

Available Width: 60 inch	Elongation at break (%)	142
Warranty Period: 3 years	Peel Strength	>3200
Tensile Strength: 28716	Puncture Strength (lb)	76
Break Strength: 105	EDSD	104



1.00

0.60

## Charcoal Solar & Safety 7 mil

Visible Light Reflection

Ultraviolet Rejection

10%
000/
99%
00%
40%

Available Width: 60 inch	Elongation at break (%)	142
Warranty Period : 3 years	Peel Strength	>3200
Tensile Strength: 28716	Puncture Strength (lb)	76
Break Strength: 105	EDSD	105

# **Technical Comparisons**

No	Technical Aspects	Film Lamination	Processed Glass
1	SOP for installation, QC and warranty	Yes	Yes
2	Installation Party	Single point Supply & installation	Third Party Installation
3	Warranty Procedure	Comprehensive warranty, includes product and workmanship	Product warranty, manufacturing defects only



ECODRIVE TINTING SOLUTIONS

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