



More than 500.000 windows are broken every year in France.*

DID YOU KNOW?

A Clear 12C or 17C film applied to 4mm single-pane glass improves the performance and the security of the film to the same level as a 9mm 44.2 laminated glass.

*Source : France vitre, Mise en sécurité et remplacement vitre cassée.

CLEAR 4 C

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Choose this film to strengthen the glass and protect against falls or glass breakage. It meets the needs of individuals, schools or public buildings.



CLEAR 7 C

CLEAR 7 C

This film delays break-ins. It can be used instead of Clear 4 C where the glass is larger than 2m². Discover the secret of optimum protection for your shops and large glass surfaces by choosing our intermediate protective film.



CLEAR 17 C

CLEAR 17 C

This film provides enhanced protection for your windows, minimising fragmentation and deflagration in case of impact, explosion, or fire, all while maintaining exceptional clarity. Ideal for official use, it meets the requirements of European standard EN 13541 - ER1.



PROTEC 4 C

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Protect the surface of your windows from graffiti and scratches. Available in a «multi-layer» version, one application provides the same level of protection as adding four layers minimising the need for on-site installation/removal interventions.

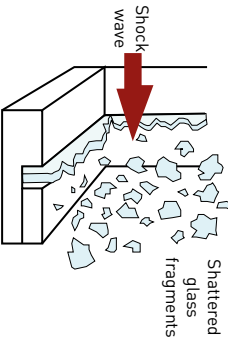


VT (Luminosity), Ir (Rejected Infrared), Solar factor G (Incoming heat flow), TSER (total heat rejection)

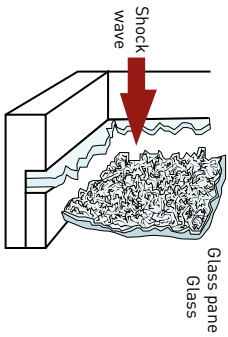
AVOIDING DAMAGE

Accidents and acts of vandalism can cause a glass pane to shatter into thousands of small and potentially harmful shards of glass which can cause serious and possibly fatal injuries. We offer effective solutions to prevent your windows from becoming a potential source of danger. Many institutions already trust us to provide reliable protection ranging from basic "laceration-prevention" in nurseries, hospitals or food industries to "bomb-blast protection" for embassies and European institutions.

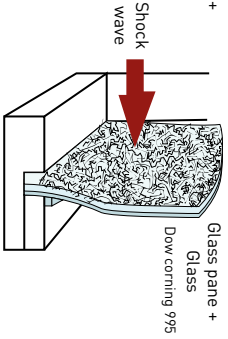
STANDARD WINDOW
NO FILM



WINDOW WITH FILM
WITHOUT SEALING



WINDOW WITH FILM
+ SEALING



Clear 12 C Elasticity



SECURITY RANGE

CLEAR 4 C

CLEAR 7 C

CLEAR 17 C

PROTEC 4 C



**SOLAR SCREEN
SAFETY**
SMART SECURE SOLUTIONS

SECURE YOUR WINDOWS

EUROPE'S N°1 FILM DISTRIBUTOR !

AN EFFECTIVE DETERRENT FILM?

ABSOLUTELY! Security film is a highly effective anti-theft device that holds the glass in place even after being struck with a heavy object. This prevents criminals from gaining easy access to their targets. The film's resistance to tearing also makes breaking and entering more difficult, and quickly deters burglars. In addition, our combined **"Solar and Security"**

films (type Silver 480 XC) protect your belongings from prying eyes and potential theft. The film's metallic properties also create an effective barrier against personal network data-theft. Finally, Solar Screen also offers a comprehensive range of clear and tinted anti-carjacking films for your car windows.



MORE THAN 300 VEHICLES ARE
BROKEN INTO EVERY DAY IN FRANCE

AVOID PERMANENT INJURIES



90% of all injuries sustained following an explosion are caused by shards of glass. Safety film protects people and property from the damage caused by glass fragments, which are responsible for injuries in explosions or unintentional accidents... Glass projectiles travelling at speeds of over 40 km/h can cause fatal injuries. This highlights the importance of securing windows in public places, not only as a preventive measure but also as a moral obligation.

ESSENTIAL FOR THE FOOD INDUSTRY



Our films comply with article 4.9.5.4. « In areas where bare products are handled, windows must be protected against broken glass » of the food quality and safety standards for private label food products.

Applied to the inside and outside of the glazed surface, the film will, in the event of an impact, retain all the pieces of glass in order to prevent shattering and splinters being projected onto the production lines, thereby preventing any risk of injury to people in the vicinity.

OUR FILMS ARE CERTIFIED:



EN12600 Impact protection



EN 356 Impact resistance



EN 45545-2 Railway standard



EN 13541 –ER1 Explosion resistance

OUR MAIN SECURITY FILMS:

	Clear 4 C	Clear 7 C	Clear 8 C	Clear 12 C	Clear 17 C	Silver 480 C	Silver 880 C	Mat white security	Silver 480 XC	Clear 4 XCG	Clear 8 XC	Secur 4 C	Protec 4 C
Installation method	Int.	Int.	Int.	Int.	Int.	Int.	Int.	Int.	Ext.	Ext.	Ext.	Mirror backing film	Int.
Colour	Transparent	Transparent	Transparent	Transparent	Transparent	Silver	Silver	White	Silver	Transparent	Transparent	Translucid	Transparent
Protection against lacerations (EN 12600)	✓ 2B2	✓ 1B1	✓ 1B1	✓ 1B1	✓ 1B1	✓ 2B2	✓ 1B1	✓ 2B2	✓ 2B2	✓ 2B2	✓ 1B1	✓ 2B2	✓ 2B2
Delaying effect against forced entry (EN 356)			✓	✓ P2A	✓		✓				✓ P1A		
Anti bomb blast (EN 13541-ER1)			✓	✓	✓ ER1								
Anti-graffiti standard (EN45545-2)										✓ HL3			✓ HL3
Visible light transmission	90%	85 %	83%	82%	86%	18%	14%	71%	16%	93%	83%	85%	85%
Visible light reflection	7%	11 %	10%	12%	12%	58%	52%	26%	62%	9%	10%	11%	11%
Total solar energy rejected	16%	20 %	20%	20%	20%	80%	80%	28%	82%	17%	20%	19%	19%
Film thickness (in µ)	125	210	240	310	485	125	240	150	125	125	240	125	120
Resistance to rupture kg/cm²	28	34	40	61	61	28	40	28	28	28	40	28	-
Elongation at break	125%	125%	125%	125%	125%	125%	125%	125%	125%	125%	125%	125%	125%



UP TO 12 YEARS OF WARRANTY



FIRE-RESISTANCE RATING M1



LOW MAINTENANCE



PET (PVC FREE)



ANTI-UV



24 HOUR OPERATION