

Solar films

Take control of light, heat and UV exposure.

RayGuard offers a selection of solar window films, each with a proven track record of performance. This compact yet comprehensive range includes 6 solar films, 2 safety films, and 1 UV-protection film.

SILVER SERIES | 33.002N, 33.003N, 33.004N

Discover our best-selling collection of exterior solar films featuring a sleek silver effect. These one-way mirror films can be applied to any window without the risk of thermal breakage.

This range includes three options: Silver (33.002N), Silver M (33.003N), and Silver XM (33.004N), each offering varying degrees of privacy, solar heat control and natural light transmission.

INVISILIGHT | 33.000N

This premium window film offers unparalleled durability and remains nearly invisible once applied, allowing maximum natural light transmission. Its advanced nanoceramic composition ensures no disruption to electrical devices while providing superior infrared protection.

TWILIGHT | 33.001N

For those seeking a sleek, darker aesthetic with a transparent finish and exceptionally high solar energy rejection capabilities.

INTERIOR | 33.005N

The perfect solution for windows where exterior application is not feasible. The multi-alloy metal composition of this film effectively reflects solar heat and reduces solar absorption, minimizing the risk of thermal glass breakage.

SAFETY SERIES | 33.006N, 33.010N

For a combination of security and solar energy rejection, rely on our safety films. These films are intended for interior application and hold shattered glass in place.

RayGuard Safety (33.006N) is a neutral coloured 130 micron film, while Safety Plus (33.010N) is a thicker, invisible version with a thickness of 210 micron.

UV SHIELD | 33.011N

RayGuard UV Shield blocks UV rays from the sun, preventing indoor furniture and objects from fading or aging.

Technical data

	Face film			Adhesive		Release liner		Roll sizes	Application
Invisilight 33.000N	Multi-layered PET	75µm	Almost invisible	Acrylic	20µm	PET	20µm	1520mm x 30,5m	Exterior
Twilight 33.001N	Multi-layered PET	60µm	Neutral	Acrylic	20µm	PET	20µm	1520mm x 30,5m	Exterior
Silver 33.002N	Multi-layered PET	75µm	Silver	Acrylic	20µm	PET	20µm	1520mm x 30,5m	Exterior
Silver M 33.003N	Multi-layered PET	75µm	Silver mirror	Acrylic	20µm	PET	20µm	1520mm x 30,5m	Exterior
Silver XM 33.004N	Multi-layered PET	75µm	Silver Xtra mirror	Acrylic	20µm	PET	20µm	1220mm x 30,5m 1520mm x 30,5m 1830mm x 30,5m	Exterior
Interior 33.005N	Multi-layered PET	55µm	Goldish	Acrylic	20µm	PET	20µm	1520mm x 30,5m	Interior
Safety 33.006N	Multi-layered PET	130µm	Neutral	Acrylic	20µm	PET	20µm	1520mm x 30,5m	Interior
Safety Plus 33.010N	Multi-layered PET	210µm	Invisible	Acrylic	20µm	PET	20µm	1520mm x 30,5m	Interior
UV Shield 33.011N	Multi-layered PET	50µm	Invisible	Acrylic	20µm	PET	20µm	1520mm x 30,5m	Interior

Solar characteristics

	Mirror effect	Blocked UV transmission	Natural Light Transmission	TSER	Solar energy absorption	Solar glare reduction	G-value
Invisilight	8%	>99%	75%	56%	53%	29%	0,49
Twilight	20%	99%	20%	69%	59%	81%	0,30
Silver	22%	99%	59%	52%	32%	47%	0,48
Silver M	40%	99%	43%	65%	29%	67%	0,36
Silver XM	60%	99%	24%	80%	22%	82%	0,16
Interior	29%	99%	47%	66%	25%	52%	0,36
Safety	11%	99%	63%	37%	30%	43%	0,66
Safety Plus	11%	95%	85%	20%	8%	15%	0,83
UV Shield	9%	>99%	90%	14%	7%	13%	0,85

