

Description : the one-way mirror film plays on the balance of light. Reacting to the stronger light, the film becomes a reflective screen. It sends back on one side the image like a mirror, while retaining the transparency of glass on the other side. It allows you to see without being seen. This clear film forms a single membrane that keeps the glass in one piece. It prevents from breaking into pieces in case of explosions or vandalism.

For : public buildings, schools, hospitals, fitness clubs, production sites classified « SEVEZO », an area with a protected access such as storage units, computer rooms, etc...

Application method : internal surface with soapy water.

Glass maintenance : the film may be cleaned with soapy water, 30 days after the application. Any abrasive products that could scratch the film, are not recommended. Do not apply any stickers, or any other type of adhesives on the film.

Durability : 12 to 15 years for vertical application in Central Europe.

Storage : 2 years from the delivery date. This film has to be kept away from excessive humidity. It also has to be stored away from direct sunlight at a temperature under 38°C.

Important factors : the glass surface used must be entirely dirt free and any grease or other filth must be removed prior to installation. Gas may be given off from certain polycarbonate surfaces which are too new or of mediocre quality. This may be unsightly but does not lessen the adhesive qualities of the film. Users are recommended to carry out a trial beforehand to avoid bubbling issues.

For all glass exposed to sunlight, double pane, tinted, laminated, reinforced, please consult your Reflectiv Sales Representative for film compatibility.

Material	Polyester 100 microns
Adhesive	Acrylic polymer 25 gr/m ²
Tint	Silver
Release liner	Siliconed polyester 23 microns
Break strength	17 daN/cm
Elongation	100 %
Application	Internal
Total solar reflection	55 %
Total solar absorption	33 %
Total solar transmission	12 %
Visible light transmission	15 %
Visible light reflection	60 %
Total solar energy rejected	75 %
U.V. transmission	5 %
Thermal resistance	from -20°C to 80°C
Application temperature	Minimum 5°C
Dimensions	60'' x 8,34' 60'' x 33,34' 60'' x 100'

Fire performance class

M1

Impact test | NFP
78406

Please make sure to match the correct specifications when applying your film. You may follow the glass compatibility guideline, especially concerning thermal stress.

Please note that Reflectiv does not guaranty the glass quality or the incorrect use of its films and claims the possibility of changing the production process or tints without previous notification.

