



THE
WINDOW FILM
COMPANY®



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The Window Film Company

About Us

The Window Film Company UK Ltd is at the forefront of the window film and window graphics industry. We supply and install a wide range of window film products including solar control, safety, security, privacy and coloured films. We also have our own in-house Graphics Studio which enables us to produce bespoke computer cut and printed window film graphics for manifestation, glass decoration and corporate branding.

The samples in this brochure will give you an idea of the products and finishes that are available to you. Additional information, samples and product advice are available.

If you use NBS Plus, all of our products are listed in Section L40 General Glazing – Clause 95 Window Film, Clause 610 Window Film and Clause 630 Manifestation.

You can also download brochures and additional product literature from www.ribaproductselector.com
RPS number: 27165.

Please do not hesitate to contact us to discuss your requirements.

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riba
product
selector

nbsPlus

The Window Film Company

Definitions

Performance Data:

Total Solar Energy Rejected:

The total amount of solar energy reflected plus the re-radiated absorbed solar energy to the outside of the building.

Solar Energy Reflected:

Amount of solar energy in the complete solar wavelength range which is directly reflected by the glazing system to the outside.

Solar Energy Absorbed:

Amount of solar energy in the complete solar wavelength range which is directly absorbed by the glazing system, transformed into heat.

Solar Energy Transmitted:

Amount of solar energy in the complete solar wavelength range which passes directly through the glazing system.

Visible Light Transmitted:

Amount of visible light energy which passes through the glazing system.

Visible Light Reflected:

Amount of visible light energy which is reflected by the glazing system.

Ultra Violet Light Rejected:

Amount of ultra violet energy which is prevented from passing through a glazing system.

Shading Coefficient (b Value):

Ratio of solar heat gain through a filmed glazing system compared to glazing with no film. The lower the shading coefficient, the more efficient the system.

Solar Heat Gain Coeff. (g Value):

Measure of total solar energy transmission combined with absorbed solar energy re-radiated into the room.

Emissivity:

Measure of the films ability to absorb and re-emit long-wave room radiant energy. The lower the figure, the better for retaining a room's heat.

Glare Reduction:

Amount of internal glare reduction achieved by films ability to reduce visible light transmitted by the glazing system.

Total Solar Energy (TSE) wavelength range is between 190 and 2500 nm.

UV wavelength range is between 190 to 380 nm of which UV transmitted by glazing is between 280 and 380 nm (3% of the TSE).

Visible Light is between 380 and 780nm, includes all colours of spectrum (44% of the TSE).

Infra Red a and b is radiation between 780 and 2500nm (53% of the TSE).

The Window Film Company

Definitions

Mechanical Data:

Thickness:

Measurement of the film including all its components in microns.

Tensile Strength at Break:

The rate at which a sample of the film can be pulled apart, expressed in psi (pounds per square inch).

Break Strength:

Generally the tensile or compressive load required to fracture a sample, expressed in lb/inch (pounds per inch).

Elongation at Break:

The amount of stretch the film underwent before the point of break, expressed as a % of the original measurement.

Peel Strength:

The amount of force required to peel a material off a substrate, expressed in lb/inch (pound per inch).

Ply:

The number of layers that make up the film e.g. single ply = 1, two ply = 2, three ply = 3 etc.

Safety Standard:

The European safety standard that the film complies to, previously known as BS6206.

Performance Guide:

This section is intended to be used for general guidance only.

Fading - as a rule-of-thumb, the main factors responsible for fading are UV(40%); Heat (25%); Visible Light (25%); Other (10%). Guide based on films ability to reduce some of these factors although no film will stop fading completely.

One-Way privacy requires greater light levels on the side intended to provide privacy. The greater the difference between internal and external lighting, the better for one-way privacy.

Application Restrictions:

The application of some window films can slightly increase risks of glass breakage due to thermal stress. Poor glass quality and glazing systems can increase this risk further. Please contact us for further information and advice on correct film selection.

Reflective Silver High, Med, Light

Climate 35, 50, 70, Ultra

Natural Daylight 20, 35, 50

Solar Bronze 20, 35, 50

Optiview 05, 15

Climate Dual

Low-E Silver

Clear UV

Supertint® Poly

External Reflective Silver High, Med

External Optiview 20

External Solar Bronze 20

Solar Films:

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A range of solar control window films that will reduce heat, glare and fading. Films range in appearance from those that are highly tinted or reflective to those that are more neutral in appearance.

Solar Control Films

High Reflective Silver

WFC-HRS20

Performance Data:

Total Solar Energy Rejected	77%
Solar Energy Reflected	52%
Solar Energy Absorbed	34%
Solar Energy Transmitted	14%
Visible Light Transmitted	17%
Visible Light Reflected	55%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.27
Solar Heat Gain Coeff. (g Value)	0.23
Emissivity	0.67
Glare Reduction	81%

Film Notes:

Biggest selling solar film with excellent heat and glare rejection. Gives a building a modern, mirrored finish.

Performance Guide:

Solar Heat Rejection	● ● ● ● ●
Glare Reduction	● ● ● ● ●
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ●
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	● ● ● ● ○
Two - Way Privacy	○ ○ ○ ○ ○
Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Medium Reflective Silver

WFC-MRS35

Performance Data:

Total Solar Energy Rejected	67%
Solar Energy Reflected	41%
Solar Energy Absorbed	36%
Solar Energy Transmitted	23%
Visible Light Transmitted	31%
Visible Light Reflected	42%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.37
Solar Heat Gain Coeff. (g Value)	0.32
Emissivity	0.70
Glare Reduction	65%

Film Notes:

Combines a modern mirrored look with effective heat rejection.

Performance Guide:

Solar Heat Rejection	● ● ● ● ○
Glare Reduction	● ● ● ○ ○
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	● ● ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○
Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Light Reflective Silver

WFC-LRS50

Performance Data:

Total Solar Energy Rejected	55%
Solar Energy Reflected	29%
Solar Energy Absorbed	38%
Solar Energy Transmitted	33%
Visible Light Transmitted	46%
Visible Light Reflected	27%
Ultra Violet Light Rejected	95%
Shading Coefficient	0.50
Solar Heat Gain Coeff. (g Value)	0.44
Emissivity	0.74
Glare Reduction	48%

Film Notes:

Very discreet with a slight blue tint when looked through from the inside. A good choice for fade reduction without sacrificing light and vision.

Performance Guide:

Solar Heat Rejection	● ● ● ○ ○
Glare Reduction	● ● ○ ○ ○
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ○ ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○
Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Climate 35

WFC-CME35

Performance Data:

Total Solar Energy Rejected	68%
Solar Energy Reflected	43%
Solar Energy Absorbed	34%
Solar Energy Transmitted	23%
Visible Light Transmitted	35%
Visible Light Reflected	45%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.37
Solar Heat Gain Coeff. (g Value)	0.32
Glare Reduction	60%

Film Notes:

High quality, sputtered film that offers some of the best heat rejection performance available yet provides good light transmission and has a subtle 'natural' appearance.

Performance Guide:

Solar Heat Rejection	● ● ● ● ○
Glare Reduction	● ● ● ○ ○
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	● ● ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○
Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Climate 50

WFC-CME50

Performance Data:

Total Solar Energy Rejected	62%
Solar Energy Reflected	37%
Solar Energy Absorbed	32%
Solar Energy Transmitted	31%
Visible Light Transmitted	50%
Visible Light Reflected	35%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.44
Solar Heat Gain Coeff. (g Value)	0.38
Glare Reduction	43%

Film Notes:

Ideal film when maximum heat rejection is required without altering the natural light levels in a room. Good choice for domestic use.

Performance Guide:

Solar Heat Rejection	● ● ● ● ○
Glare Reduction	● ● ○ ○ ○
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ○ ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○
Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Climate 70

WFC-CME70

Performance Data:

Total Solar Energy Rejected	45%
Solar Energy Reflected	25%
Solar Energy Absorbed	28%
Solar Energy Transmitted	47%
Visible Light Transmitted	70%
Visible Light Reflected	21%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.63
Solar Heat Gain Coeff. (g Value)	0.55
Glare Reduction	21%

Film Notes:

Provides very effective heat and UV rejection yet allows good 2-way vision. Ideal for shop fronts and domestic applications.

Performance Guide:

Solar Heat Rejection	● ● ● ● ○
Glare Reduction	● ○ ○ ○ ○
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ○ ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○
Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Climate Ultra

WFC-CMEUL

Performance Data:

Total Solar Energy Rejected	43%
Solar Energy Reflected	11%
Solar Energy Absorbed	39%
Solar Energy Transmitted	50%
Visible Light Transmitted	67%
Visible Light Reflected - Interior	11%
Visible Light Reflected - Exterior	11%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.66
Solar Heat Gain Coeff. (g Value)	0.57
IR Rejection @ 980nm	77%
Glare Reduction	24%

Film Notes:

Latest technology window film combining high light transmission, good visibility and low reflection whilst rejecting high amounts of heat. Improves working conditions, reduces air conditioning costs and helps to slow down the effects of fading. Ideal for commercial, retail and domestic use.

Performance Guide:

Solar Heat Rejection	● ● ● ○ ○
Glare Reduction	● ○ ○ ○ ○
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ○ ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○

Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Natural Daylight 20

WFC-ND20

Performance Data:

Total Solar Energy Rejected	63%
Solar Energy Reflected	20%
Solar Energy Absorbed	58%
Solar Energy Transmitted	22%
Visible Light Transmitted	20%
Visible Light Reflected	16%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.42
Solar Heat Gain Coeff. (g Value)	0.36
Emissivity	0.69
Glare Reduction	77%

Film Notes:

High performing solar film which gives a subtle grey tint to the glass without being highly mirrored. Ideal for applications where it is desirable to have a uniform neutral appearance to a building.

Performance Guide:

Solar Heat Rejection	● ● ● ● ●
Glare Reduction	● ● ● ● ○
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ●
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	● ● ● ● ○
Two - Way Privacy	○ ○ ○ ○ ○
Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Natural Daylight 35

WFC-ND35

Performance Data:

Total Solar Energy Rejected	59%
Solar Energy Reflected	20%
Solar Energy Absorbed	54%
Solar Energy Transmitted	26%
Visible Light Transmitted	30%
Visible Light Reflected	16%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.47
Solar Heat Gain Coeff. (g Value)	0.40
Emissivity	0.69
Glare Reduction	66%

Film Notes:

Offers excellent solar control performance without noticeably altering the external appearance of the glass. Reduces incoming solar heat and glare whilst allowing through a high level of natural light.

Performance Guide:

Solar Heat Rejection	● ● ● ● ○
Glare Reduction	● ● ● ○ ○
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	● ● ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○
Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Natural Daylight 50

WFC-ND50

Performance Data:

Total Solar Energy Rejected	36%
Solar Energy Reflected	7%
Solar Energy Absorbed	42%
Solar Energy Transmitted	51%
Visible Light Transmitted	52%
Visible Light Reflected	8%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.73
Solar Heat Gain Coeff. (g Value)	0.63
Emissivity	0.88
Glare Reduction	41%

Film Notes:

Gives a light neutral appearance to glazing. Ideal for application to glass areas where visibility through glass is important. Reduces solar heat and blocks up to 99% of UV light, reducing risk of fading to furnishings and fabrics.

Performance Guide:

Solar Heat Rejection	● ● ● ○ ○
Glare Reduction	● ● ○ ○ ○
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ○ ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○

Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Solar Bronze 20

WFC-SB20

Performance Data:

Total Solar Energy Rejected	77%
Solar Energy Reflected	45%
Solar Energy Absorbed	42%
Solar Energy Transmitted	13%
Visible Light Transmitted	20%
Visible Light Reflected	36%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.27
Solar Heat Gain Coeff. (g Value)	0.23
Emissivity	0.65
Glare Reduction	77%

Film Notes:

Excellent performing sputtered film with a 'warm' copper colour.

Performance Guide:

Solar Heat Rejection	● ● ● ● ●
Glare Reduction	● ● ● ● ○
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ●
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	● ● ● ● ○
Two - Way Privacy	○ ○ ○ ○ ○
Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Solar Bronze 35

WFC-SB35

Performance Data:

Total Solar Energy Rejected	65%
Solar Energy Reflected	36%
Solar Energy Absorbed	39%
Solar Energy Transmitted	25%
Visible Light Transmitted	35%
Visible Light Reflected	26%
Ultra Violet Light Rejected	97%
Shading Coefficient	0.39
Solar Heat Gain Coeff. (g Value)	0.34
Emissivity	0.69
Glare Reduction	60%

Film Notes:

Very good heat reduction and an ideal choice for performance with good light transmission.

Performance Guide:

Solar Heat Rejection	● ● ● ● ○
Glare Reduction	● ● ● ○ ○
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	● ● ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○
Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Solar Bronze 50

WFC-SB50

Performance Data:

Total Solar Energy Rejected	54%
Solar Energy Reflected	22%
Solar Energy Absorbed	43%
Solar Energy Transmitted	35%
Visible Light Transmitted	50%
Visible Light Reflected	17%
Ultra Violet Light Rejected	97%
Shading Coefficient	0.53
Solar Heat Gain Coeff. (g Value)	0.46
Emissivity	0.75
Glare Reduction	43%

Film Notes:

Attractive light bronze tint offering high visibility yet rejecting a significant amount of heat. Good choice as a subtle yet effective heat and fade reduction film.

Performance Guide:

Solar Heat Rejection	● ● ● ○ ○
Glare Reduction	● ● ○ ○ ○
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ○ ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○
Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Optiview 05

WFC-OTV05

Performance Data:

Total Solar Energy Rejected	85%
Solar Energy Reflected	55%
Solar Energy Absorbed	39%
Solar Energy Transmitted	6%
Visible Light Transmitted	5%
Visible Light Reflected - Interior	18%
Visible Light Reflected - Exterior	58%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.18
Solar Heat Gain Coeff. (g Value)	0.16
Emissivity	0.73
Glare Reduction	94%

Film Notes:

Offers around the best combination of heat, glare and one-way privacy on the market. Optiview films provide reduced internal reflection.

Performance Guide:

Solar Heat Rejection	● ● ● ● ●
Glare Reduction	● ● ● ● ●
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ●
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	● ● ● ● ●
Two - Way Privacy	○ ○ ○ ○ ○
Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Optiview 15

WFC-OTV15

Performance Data:

Total Solar Energy Rejected	80%
Solar Energy Reflected	52%
Solar Energy Absorbed	38%
Solar Energy Transmitted	10%
Visible Light Transmitted	12%
Visible Light Reflected - Interior	25%
Visible Light Reflected - Exterior	50%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.25
Solar Heat Gain Coeff. (g Value)	0.22
Emissivity	0.74
Glare Reduction	86 %

Film Notes:

Excellent heat, glare and one-way privacy performance. Internal reflectivity is over half that of the external face.

Performance Guide:

Solar Heat Rejection	● ● ● ● ●
Glare Reduction	● ● ● ● ●
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ●
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	● ● ● ● ●
Two - Way Privacy	○ ○ ○ ○ ○

Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Climate Dual

WFC-CMEDU

Performance Data:

Total Solar Energy Rejected	57%
Solar Energy Reflected	31%
Solar Energy Absorbed	33%
Solar Energy Transmitted	36%
Visible Light Transmitted	49%
Visible Light Reflected	27%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.49
Solar Heat Gain Coeff. (g Value)	0.42
Emissivity	0.36
U-Value (EN 673 W/m ² .°K)	4.10
Glare Reduction	44%

Film Notes:

A dual purpose window film that will reduce summer temperatures and also help to retain winter warmth. Helps to reduce air conditioning and heating costs.

Performance Guide:

Solar Heat Rejection	● ● ● ○ ○
Glare Reduction	● ● ○ ○ ○
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ○ ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○
Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Low-E Silver

WFC-HRS20-LE

Performance Data:

Total Solar Energy Rejected	78%
Solar Energy Reflected	50%
Solar Energy Absorbed	40%
Solar Energy Transmitted	10%
Visible Light Transmitted	16%
Visible Light Reflected	55%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.25
Solar Heat Gain Coeff. (g Value)	0.22
Emissivity	0.43
U-Value (EN 673 W/m ² .°K)	4.27
Glare Reduction	82%

Film Notes:

A Reflective Silver solar film that reduces heat and glare during summer months. It also will reduce heat loss through glass during colder weather.

Performance Guide:

Solar Heat Rejection	● ● ● ● ●
Glare Reduction	● ● ● ● ●
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ●
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	● ● ● ● ○
Two - Way Privacy	○ ○ ○ ○ ○
Scratch Coating	Yes
Warranty Period	10 Years

Solar Control Films

Clear UV

WFC-CUV

Performance Data:

Total Solar Energy Rejected	19%
Solar Energy Reflected	10%
Solar Energy Absorbed	12%
Solar Energy Transmitted	78%
Visible Light Transmitted	87%
Visible Light Reflected	10%
Ultra Violet Light Rejected	99.8%
Shading Coefficient	0.93
Solar Heat Gain Coeff. (g Value)	0.81
Emissivity	0.88
Glare Reduction	1%

Film Notes:

Specialist UV film offering over 99% UV protection at 380nm. Approved and extensively used for medical purposes, protecting individuals who suffer from acute sensitivity to UV light. Also used as an anti-fade film in well ventilated areas such as museums.

Performance Guide:

Solar Heat Rejection	○ ○ ○ ○ ○
Glare Reduction	○ ○ ○ ○ ○
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ○ ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○

Scratch Coating	Yes
Warranty Period	7 Years

Solar Control Films

Supertint® Poly

WFC-STP

Performance Data:

Visible Light Transmitted	22%
Visible Light Reflected	41%
Visible Light Absorbed	37%
Ultra Violet Block	99%
Total Solar Energy Reflected	40%
Total Solar Energy Transmitted	18%
Total Solar Energy Absorbed	42%
Shading Coefficient	0.33
Glare Reduction	76%

Film Notes:

Supertint® Poly is a solar control film that can be applied to polycarbonate, GRP and plastic substrates. It consists of a soft UV stabilised metallized film on the underside which gives dramatic reduction in the incoming solar heat by continuously reflecting it away.

Performance Guide:

Solar Heat Rejection	● ● ● ● ●
Glare Reduction	● ● ● ● ●
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ●
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	● ● ● ● ○
Two - Way Privacy	○ ○ ○ ○ ○

Scratch Coating **Yes**

Warranty Period **Up to 8 Years**

Solar Control Films

External High Reflective Silver

WFC-HRS20-EXT

Performance Data:

Total Solar Energy Rejected	82%
Solar Energy Reflected	67%
Solar Energy Absorbed	21%
Solar Energy Transmitted	12%
Visible Light Transmitted	16%
Visible Light Reflected	64%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.20
Solar Heat Gain Coeff. (g Value)	0.17
Emissivity	0.73
Glare Reduction	82%

Film Notes:

Excellent performing 2nd generation external Silver with up to 10 years warranty. Matches High Reflective Silver in appearance. Ideal where internal grade film prohibited. Edge sealant needed for warranty.

Performance Guide:

Solar Heat Rejection	● ● ● ● ●
Glare Reduction	● ● ● ● ●
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ●
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	● ● ● ● ○
Two - Way Privacy	○ ○ ○ ○ ○

Scratch Coating	Yes
Warranty Period	Up to 10 Years

Solar Control Films

External Medium Reflective Silver

WFC-MRS35-EXT

Performance Data:

Total Solar Energy Rejected	69%
Solar Energy Reflected	47%
Solar Energy Absorbed	28%
Solar Energy Transmitted	25%
Visible Light Transmitted	35%
Visible Light Reflected	43%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.36
Solar Heat Gain Coeff. (g Value)	0.31
Emissivity	0.70
Glare Reduction	64%

Film Notes:

Medium performance solar reflective film. Ideal for commercial applications where internal grade prohibited. Higher natural light level than High Reflective Silver. Edge sealant needed for warranty.

Performance Guide:

Solar Heat Rejection	● ● ● ● ○
Glare Reduction	● ● ● ○ ○
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	● ● ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○
Scratch Coating	Yes
Warranty Period	Up to 10 Years

Solar Control Films

External Optiview 20

WFC-OTV20-EXT

Performance Data:

Total Solar Energy Rejected	74%
Solar Energy Reflected	41%
Solar Energy Absorbed	44%
Solar Energy Transmitted	15%
Visible Light Transmitted	19%
Visible Light Reflected	14%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.33
Solar Heat Gain Coeff. (g Value)	0.28
Emissivity	0.84
Glare Reduction	79%

Film Notes:

Neutral film with excellent heat and glare performance. Low internal reflectance. Ideal where internal application is prohibited. Edge sealant needed for warranty. Nano technology will not alter in colour.

Performance Guide:

Solar Heat Rejection	● ● ● ● ○
Glare Reduction	● ● ● ● ●
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	● ● ● ● ○
Two - Way Privacy	○ ○ ○ ○ ○

Scratch Coating	Yes
Warranty Period	Up to 7 Years

Solar Control Films

External Solar Bronze 20

WFC-SB20-EXT

Performance Data:

Total Solar Energy Rejected	83%
Solar Energy Reflected	63%
Solar Energy Absorbed	27%
Solar Energy Transmitted	10%
Visible Light Transmitted	16%
Visible Light Reflected	37%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.20
Solar Heat Gain Coeff. (g Value)	0.17
Emissivity	0.69
Glare Reduction	82%

Film Notes:

Externally applied pleasing dark bronze film with high rejection of solar heat and glare. Warm looking in appearance. Edge sealant needed for warranty.

Performance Guide:

Solar Heat Rejection	● ● ● ● ●
Glare Reduction	● ● ● ● ●
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ●
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	● ● ● ● ○
Two - Way Privacy	○ ○ ○ ○ ○
Scratch Coating	Yes
Warranty Period	Up to 4 Years

100 Micron Clear

175 Micron Clear

200 Micron Clear

300 Micron Clear

100 Micron Silver

200 Micron Silver

Anti Graffiti

External 100 Micron Clear

Safety & Security Films:

.....
A range of films that vary in thickness to provide safety, security, anti-graffiti and bomb blast protection. Films can be used to upgrade existing glass to comply with legislation.

Safety/Security/Bomb Films

100 Micron Clear

WFC-CSS100

Performance Data:

Total Solar Energy Rejected	19%
Solar Energy Reflected	9%
Solar Energy Absorbed	14%
Solar Energy Transmitted	77%
Visible Light Transmitted	85%
Visible Light Reflected	11%
Ultra Violet Light Rejected	90%
Shading Coefficient	0.93
Glare Reduction	3%

Mechanical Properties:

Thickness	100 micron
Tensile Strength at Break	28,500 psi
Break Strength	112 lb/inch
Elongation at Break	125%
Peel Strength	7 lb/inch
Ply	1
Safety Standard	EN12600 2B2

Performance Guide:

Solar Heat Rejection	○ ○ ○ ○ ○
Glare Reduction	○ ○ ○ ○ ○
UV Reduction	● ● ● ● ○
Fade Reduction	● ○ ○ ○ ○
Safety & Security	● ● ● ● ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○

Scratch Coating	Yes
Warranty Period	10 Years

Safety/Security/Bomb Films

100 Micron Silver

WFC-SSS100

Performance Data:

Total Solar Energy Rejected	78%
Solar Energy Reflected	48%
Solar Energy Absorbed	40%
Solar Energy Transmitted	12%
Visible Light Transmitted	17%
Visible Light Reflected	51%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.26
Glare Reduction	81%

Mechanical Properties:

Thickness	100 micron
Tensile Strength at Break	28,500 psi
Break Strength	112 lb/inch
Elongation at Break	125%
Peel Strength	7 lb/inch
Ply	2
Safety Standard	EN12600 2B2

Performance Guide:

Solar Heat Rejection	● ● ● ● ●
Glare Reduction	● ● ● ● ●
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ●
Safety & Security	● ● ● ● ○
One - Way Privacy	● ● ● ● ○
Two - Way Privacy	○ ○ ○ ○ ○

Scratch Coating	Yes
Warranty Period	10 Years

Safety/Security/Bomb Films

175 Micron Clear

WFC-CSS175

Performance Data:

Total Solar Energy Rejected	20%
Solar Energy Reflected	9%
Solar Energy Absorbed	15%
Solar Energy Transmitted	76%
Visible Light Transmitted	85%
Visible Light Reflected	11%
Ultra Violet Light Rejected	90%
Shading Coefficient	0.91
Glare Reduction	3%

Mechanical Properties:

Thickness	175 micron
Tensile Strength at Break	26,000 psi
Break Strength	180 lb/inch
Elongation at Break	140%
Peel Strength	7 lb/inch
Ply	1
Safety Standard	EN12600 1B1

Performance Guide:

Solar Heat Rejection	● ○ ○ ○ ○
Glare Reduction	○ ○ ○ ○ ○
UV Reduction	● ● ● ● ○
Fade Reduction	● ○ ○ ○ ○
Safety & Security	● ● ● ● ●
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○

Scratch Coating	Yes
Warranty Period	10 Years

Safety/Security/Bomb Films

200 Micron Clear

WFC-CSS200

Performance Data:

Total Solar Energy Rejected	20%
Solar Energy Reflected	10%
Solar Energy Absorbed	14%
Solar Energy Transmitted	76%
Visible Light Transmitted	84%
Visible Light Reflected	10%
Ultra Violet Light Rejected	93%
Shading Coefficient	0.92
Glare Reduction	5%

Mechanical Properties:

Thickness	200 micron
Tensile Strength at Break	28,500 psi
Break Strength	224 lb/inch
Elongation at Break	125%
Peel Strength	7 lb/inch
Ply	2
Safety Standard	EN12600 1B1

Performance Guide:

Solar Heat Rejection	● ○ ○ ○ ○
Glare Reduction	○ ○ ○ ○ ○
UV Reduction	● ● ● ● ○
Fade Reduction	● ○ ○ ○ ○
Safety & Security	● ● ● ● ●
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○

Scratch Coating	Yes
Warranty Period	10 Years

Safety/Security/Bomb Films

200 Micron Silver

WFC-SSS200

Performance Data:

Total Solar Energy Rejected	80%
Solar Energy Reflected	48%
Solar Energy Absorbed	42%
Solar Energy Transmitted	10%
Visible Light Transmitted	14%
Visible Light Reflected	59%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.23
Glare Reduction	85%

Mechanical Properties:

Thickness	200 micron
Tensile Strength at Break	28,500
Break Strength	224 lb/inch
Elongation at Break	150%
Peel Strength	5-7 lb/inch
Ply	2
Safety Standard	EN12600 1B1

Performance Guide:

Solar Heat Rejection	● ● ● ● ●
Glare Reduction	● ● ● ● ●
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ●
Safety & Security	● ● ● ● ●
One - Way Privacy	● ● ● ● ●
Two - Way Privacy	○ ○ ○ ○ ○

Scratch Coating	Yes
Warranty Period	10 Years

Safety/Security/Bomb Films

300 Micron Clear

WFC-CSS300

Performance Data:

Total Solar Energy Rejected	22%
Solar Energy Reflected	11%
Solar Energy Absorbed	15%
Solar Energy Transmitted	74%
Visible Light Transmitted	83%
Visible Light Reflected	10%
Ultra Violet Light Rejected	96%
Shading Coefficient	0.90
Glare Reduction	6%

Mechanical Properties:

Thickness	300 micron
Tensile Strength at Break	28,500 psi
Break Strength	336 lb/inch
Elongation at Break	125%
Peel Strength	7 lb/inch
Ply	3
Safety Standard	EN12600 P2A

Performance Guide:

Solar Heat Rejection	● ○ ○ ○ ○
Glare Reduction	○ ○ ○ ○ ○
UV Reduction	● ● ● ● ○
Fade Reduction	● ○ ○ ○ ○
Safety & Security	● ● ● ● ●
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○

Scratch Coating	Yes
Warranty Period	10 Years

Safety/Security/Bomb Films

Anti-Graffiti

WFC-AGF

Performance Data:

Total Solar Energy Rejected	19%
Solar Energy Reflected	9%
Solar Energy Absorbed	14%
Solar Energy Transmitted	77%
Visible Light Transmitted	85%
Visible Light Reflected	11%
Ultra Violet Light Rejected	90%
Shading Coefficient	0.93
Glare Reduction	3%

Film Notes:

Offers an invisible yet effective barrier against paints, sprays and scratches. Suitable for glass and other flat, non-porous surfaces. Special adhesive results in excellent bond to surface yet easily removable - without leaving adhesive residue.

Performance Guide:

Solar Heat Rejection	○ ○ ○ ○ ○
Glare Reduction	○ ○ ○ ○ ○
UV Reduction	● ● ● ● ○
Fade Reduction	● ○ ○ ○ ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○

Scratch Coating	Yes
Warranty Period	-

Safety/Security/Bomb Films

External 100 Micron Clear

WFC-CSS100-EXT

Performance Data:

Total Solar Energy Rejected	19%
Solar Energy Reflected	9%
Solar Energy Absorbed	13%
Solar Energy Transmitted	78%
Visible Light Transmitted	86%
Visible Light Reflected	9%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.96
Glare Reduction	2%

Mechanical Properties:

Thickness	100 micron
Tensile Strength at Break	28,500 psi
Break Strength	112 lb/inch
Elongation at Break	125%
Peel Strength	7 lb/inch
Ply	1
Safety Standard	EN12600 2B2

Performance Guide:

Solar Heat Rejection	○ ○ ○ ○ ○
Glare Reduction	○ ○ ○ ○ ○
UV Reduction	● ● ● ● ●
Fade Reduction	● ○ ○ ○ ○
Safety & Security	● ● ● ● ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	○ ○ ○ ○ ○

Scratch Coating	Yes
Warranty Period	4 Years

Frostbrite®

Silver Etch

Crystal Etch

3M Frosted Crystal

Blackout

Whiteout

White Matt

Privacy Films:

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A range of films that will provide full time privacy. Frosted privacy films will allow a high level of light to pass through and can be computer cut to create logos, text and patterns.

Privacy Films

Blackout

WFC-BO

Performance Data:

Total Solar Energy Rejected	84%
Solar Energy Reflected	36%
Solar Energy Absorbed	63%
Solar Energy Transmitted	1%
Visible Light Transmitted	0%
Visible Light Reflected	17%
Ultra Violet Light Rejected	99%
Shading Coefficient	0.22
Solar Heat Gain Coeff. (g Value)	0.19
Glare Reduction	100%

Film Notes:

Zero vision and virtually total opacity makes Blackout the ideal choice for absolute screening.

Performance Guide:

Solar Heat Rejection	● ● ● ● ●
Glare Reduction	● ● ● ● ●
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ●
Visible Light Transmitted	● ● ● ● ●
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	● ● ● ● ●

Scratch Coating	No
Warranty Period	5 Years

Privacy Films

White Matt

WFC-WM

Performance Data:

Total Solar Energy Rejected	29%
Solar Energy Reflected	13%
Solar Energy Absorbed	22%
Solar Energy Transmitted	65%
Visible Light Transmitted	70%
Visible Light Reflected	16%
Ultra Violet Light Rejected	85%
Glare Reduction	21%

Film Notes:

Subtle white privacy film with a smooth, 'satin' finish. Allows high amount of natural light through.

Performance Guide:

Solar Heat Rejection	● ○ ○ ○ ○
Glare Reduction	○ ○ ○ ○ ○
UV Reduction	● ● ● ○ ○
Fade Reduction	● ○ ○ ○ ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	● ● ● ● ○

Scratch Coating	No
Warranty Period	5 Years

Privacy Films

Whiteout

WFC-WO

Performance Data:

Total Solar Energy Rejected	70%
Solar Energy Reflected	40%
Solar Energy Absorbed	43%
Solar Energy Transmitted	17%
Visible Light Transmitted	13%
Visible Light Reflected	54%
Ultra Violet Light Rejected	95%
Shading Coefficient	0.35
Emissivity	0.86
Glare Reduction	86%

Film Notes:

No vision and low absorption makes Whiteout a good, safe choice for most glazing types.

Performance Guide:

Solar Heat Rejection	● ● ● ● ○
Glare Reduction	● ● ● ● ●
UV Reduction	● ● ● ● ●
Fade Reduction	● ● ● ● ●
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	● ● ● ● ○
Scratch Coating	No
Warranty Period	5 Years

Privacy Films

Frostbrite®

WFC-FB

Film Description:

Frostbrite® is the most popular and most cost effective frosted window film available. It can be used on any glass window, door or partition to give privacy both day and night. The film can also be computer cut and printed onto which make it the perfect material for glass decoration, corporate branding and manifestation.

The Window Film Company designs and produces all cut and printed graphics in-house using the latest software and equipment. This ensures high quality finishes and rapid turnaround.

Film Notes:

Frostbrite® window film gives the appearance of classic frosted glass. It is the most popular frosted film which obscures vision while allowing up to 85% of natural light to pass through.

Performance Guide:

Solar Heat Rejection	● ○ ○ ○ ○
Glare Reduction	○ ○ ○ ○ ○
UV Reduction	● ● ● ○ ○
Fade Reduction	● ○ ○ ○ ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	● ● ● ● ○

Suitable for Computer Cutting **Yes**

Suitable for Digital Printing **Yes**

Privacy Films

Silver Etch

WFC-SE

Film Description:

Silver Etch can be used on any glass window, door or partition to give privacy both day and night. It can also be computer cut or printed onto for glass decoration, corporate branding and manifestation. Because of its slightly darker colour, it is ideal for lettering or logos which are small or intricate that need to stand out on the glass.

The Window Film Company designs and produces all cut and printed graphics in-house using the latest software and equipment. This ensures high quality finishes and rapid turnaround.

Film Notes:

Silver Etch window film gives the appearance of frosted glass with a slightly darker silver tint to the film. It will obscure vision through the glass whilst still allowing high levels of light to pass through.

Performance Guide:

Solar Heat Rejection	● ○ ○ ○ ○
Glare Reduction	○ ○ ○ ○ ○
UV Reduction	● ● ● ○ ○
Fade Reduction	● ○ ○ ○ ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	● ● ● ● ○

Suitable for Computer Cutting **Yes**

Suitable for Digital Printing **Yes**

Privacy Films

Crystal Etch

WFC-CE

Film Description:

Crystal Etch can be used on any glass window, door or partition to give privacy both day and night. It can also be computer cut or printed onto for glass decoration, corporate branding and manifestation. Because of its slightly whiter colour, it is ideal for lettering or logos which are small or intricate that need to stand out on the glass.

The Window Film Company designs and produces all cut and printed graphics in-house using the latest software and equipment. This ensures high quality finishes and rapid turnaround.

Film Notes:

Crystal Etch window film gives the appearance of frosted glass with a slightly whiter finish to the film. It will obscure vision through the glass whilst still allowing high levels of light to pass through.

Performance Guide:

Solar Heat Rejection	● ○ ○ ○ ○
Glare Reduction	○ ○ ○ ○ ○
UV Reduction	● ● ● ○ ○
Fade Reduction	● ○ ○ ○ ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	● ● ● ● ○

Suitable for Computer Cutting **Yes**

Suitable for Digital Printing **Yes**

Privacy Films

3M Frosted Crystal

WFC-FC

Film Description:

Frosted Crystal can be used on any glass window, door or partition to give privacy both day and night. It can also be computer cut or printed onto for glass decoration, corporate branding and manifestation. The slight sparkle on the finish of the film gives it a unique look once applied.

The Window Film Company designs and produces all cut and printed graphics in-house using the latest software and equipment. This ensures high quality finishes and rapid turnaround.

Film Notes:

3M Frosted Crystal gives the appearance of sand-blasted glass which shows in its slight sparkle finish. It will obscure vision through the glass whilst still allowing high levels of light to pass through.

Performance Guide:

Solar Heat Rejection	● ○ ○ ○ ○
Glare Reduction	○ ○ ○ ○ ○
UV Reduction	● ● ● ○ ○
Fade Reduction	● ○ ○ ○ ○
Safety & Security	○ ○ ○ ○ ○
One - Way Privacy	○ ○ ○ ○ ○
Two - Way Privacy	● ● ● ● ○

Suitable for Computer Cutting **Yes**

Suitable for Digital Printing **Yes**

Yellow	Yellow, Mid Yellow
Orange	Orange, Mid Orange
Red	Traffic Red, Ruby Red, Deep Red
Pink	
Fuschia	
Purple	
Green	Bright Green, Green, Grass Green
Turquoise	
Blue	Light Blue, Mid Blue, Blue, Sapphire Blue
Dark Brown	
Dark Grey	

Coloured Films:

.....

A range of transparent coloured window films that can be used to cover an area or that can be computer cut to create logos or bespoke patterns.

Coloured Window Films

Rainbow Yellow

Rainbow 501

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Mid Yellow

Rainbow 502

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Orange

Rainbow 503

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Mid Orange

Rainbow 504

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Traffic Red

Rainbow 505

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Ruby Red

Rainbow 506

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Deep Red

Rainbow 507

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Pink

Rainbow 508

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Fuschia

Rainbow 509

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Purple

Rainbow 510

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Bright Green

Rainbow 511

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Green

Rainbow 512

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Grass Green

Rainbow 513

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Turquoise

Rainbow 514

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Light Blue

Rainbow 515

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Mid Blue

Rainbow 516

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Blue

Rainbow 517

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Sapphire Blue

Rainbow 518

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Dark Brown

Rainbow 519

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Coloured Window Films

Rainbow Dark Grey

Rainbow 520

Film Description:

Rainbow window film is a popular and cost effective way of giving clear glass the appearance of coloured glass.

It can be applied to any glass window, door or partition system to instantly transform the appearance of any environment. There are a wide range of colours available, all of which will still allow vision through the glass once applied. Light also passes through so the room will not feel dark.

Rainbow window film can be applied to all, or part, of any glass. This means that it is possible to leave some areas clear, or combine different colours.

Because it can be computer cut, it is a perfect material for manifestation, corporate branding and glass decoration.

If privacy is also required, a frosted window film can be applied with the Rainbow window film to all or part of the glass.

Performance Guide:

Transparent	Yes
Can be computer cut	Yes
Full or partial coverage	Yes
Use for manifestation	Yes
Suitable for partitions and windows	Yes
Range of colours available	Yes
Gives the effect of coloured glass	Yes

Colour Photo on Frostbrite®
Colour Photo on Clear
Colour Vector on Frostbrite® (+ White Ink)
Colour Vector on Clear (+ White Ink)
White Vector on Frostbrite®
White Vector on Clear
Colour Photo on White Vinyl (Not Laminated)
Colour Photo on White Vinyl (Gloss Laminated)
Colour Photo on White Vinyl (Matt Laminated)
Colour Vector on One-Way Vision
Colour Photo on Wallpaper

Printed Films:

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A range of samples that show the effect that can be achieved by using different digital printing effects on different materials.

Printed Window Films

Colour Photo on Frostbrite®

High Resolution Photo on Frostbrite®

Film Description:

A full colour, high resolution photograph digitally printed onto Frostbrite® window film. This can be applied onto glass doors, windows and partitions.

The frosted film provides privacy and enhances the vibrancy of the image whilst still allowing light to pass through the film and the glass.

Using the latest printing machinery and design software, full colour photographic images are printed directly onto the surface of the material using a six colour printing process. This produces the best possible colour shades and tones.

Materials that can be printed onto:

Frosted Window Film	Yes
Clear Window Film	Yes
White Vinyl	Yes
Clear Vinyl	Yes
One Way Vision Film	Yes
Wallpaper	Yes
Canvas	Yes

Printed Window Films

Colour Photo on Clear

High Resolution Photo on Clear Film

Film Description:

A full colour, high resolution photograph digitally printed onto optically clear window film. This can be applied onto glass doors, windows and partitions.

Once printed, the film still allows some vision through, depending on the colours used. If any sections of this specialised digital film are not printed onto, they will remain totally transparent unlike standard clear vinyl. This means that the film is as clear as the glass it is applied to and can be used to cover the whole pane when printing an image on to only part of the pane.

Using the latest printing machinery and design software, full colour photographic images are printed directly onto the surface of the material using a six colour printing process. This produces the best possible colour shades and tones.

Materials that can be printed onto:

Frosted Window Film	Yes
Clear Window Film	Yes
White Vinyl	Yes
Clear Vinyl	Yes
One Way Vision Film	Yes
Wallpaper	Yes
Canvas	Yes

Printed Window Films

Colour Vector on Frostbrite®

(+ White Ink)

Vector Logo Printed on Frostbrite® (+ White Ink)

Film Description:

A vector logo digitally printed onto Frostbrite® window film. The logo on the left side has just been printed in CMYK whereas the logo on the right side has been printed in CMYK and backed in white to further enhance the colour. This film can be applied onto glass doors, windows and partitions.

The frosted film provides privacy and enhances the vibrancy of the image whilst still allowing light to pass through the film and the glass.

Using the latest printing machinery and design software, full colour images are printed directly onto the surface of the material using a six colour (plus white) printing process. This produces the best possible colour shades and tones.

Materials that can be printed onto:

Frosted Window Film	Yes
Clear Window Film	Yes
White Vinyl	Yes
Clear Vinyl	Yes
One Way Vision Film	Yes
Wallpaper	Yes
Canvas	Yes

Printed Window Films

Colour Vector on Clear (+ White Ink)

Vector Logo Printed on Clear Film (+ White Ink)

Film Description:

A vector logo digitally printed onto optically clear window film. The logo on the left side has just been printed in CMYK whereas the logo on the right side has been printed in CMYK and backed in white to further enhance the colour. This film can be applied onto glass doors, windows and partitions.

Once printed, the film still allows some vision through, depending on the colours used. If any sections of this specialised digital film are not printed onto, they will remain totally transparent unlike standard clear vinyl. This means that the film is as clear as the glass it is applied to and can be used to cover the whole pane when printing an image on to only part of the pane.

Using the latest printing machinery and design software, full colour images are printed directly onto the surface of the material using a six colour (plus white) printing process. This produces the best possible colour shades and tones.

Materials that can be printed onto:

Frosted Window Film	Yes
Clear Window Film	Yes
White Vinyl	Yes
Clear Vinyl	Yes
One Way Vision Film	Yes
Wallpaper	Yes
Canvas	Yes

Printed Window Films

White Vector on Frostbrite®

White Vector Image Printed on Frostbrite®

Film Description:

A bespoke vector image digitally printed onto Frostbrite® window film. White ink can be used to produce a pattern that is too complex to be created using usual computer cutting methods. It can be applied onto glass doors, windows and partitions.

The frosted film provides privacy and enhances the vibrancy of the image whilst still allowing light to pass through the film and the glass.

Using the latest printing machinery and design software, vector images are printed directly onto the surface of the material using an industry leading specialised white ink printing process. This produces the best possible quality white print available.

Materials that can be printed onto:

Frosted Window Film	Yes
Clear Window Film	Yes
White Vinyl	Yes
Clear Vinyl	Yes
One Way Vision Film	Yes
Wallpaper	Yes
Canvas	Yes

Printed Window Films

White Vector on Clear

White Vector Image Printed on Clear Film

Film Description:

A bespoke vector image digitally printed onto optically clear window film. White ink can be used to produce a pattern that is too complex to be created using usual computer cutting methods. It can be applied onto glass doors, windows and partitions.

Once printed, the film still allows some vision through, depending on the image used. If any sections of this specialised digital film are not printed onto, they will remain totally transparent unlike standard clear vinyl. This means that the film is as clear as the glass it is applied to and can be used to cover the whole pane when printing an image on to only part of the pane.

Using the latest printing machinery and design software, vector images are printed directly onto the surface of the material using an industry leading specialised white ink printing process. This produces the best possible quality white print available.

Materials that can be printed onto:

Frosted Window Film	Yes
Clear Window Film	Yes
White Vinyl	Yes
Clear Vinyl	Yes
One Way Vision Film	Yes
Wallpaper	Yes
Canvas	Yes

Printed Window Films

Colour Photo on White Vinyl (Not Laminated)

High Resolution Photo on White Vinyl - Not Laminated

Film Description:

A full colour, high resolution photograph digitally printed onto white vinyl. This can be applied onto glass doors, windows and partitions.

The solid white material enhances the vibrancy of the image and will also completely stop vision through the glass. This means that the image will only be visible from one side. Printed white vinyl has to be applied to the side of the glass where the image is to be viewed from.

If the printed image is being applied externally, it is recommended that the print is laminated prior to application. Even if the print is applied internally, lamination can increase the durability and lifespan.

Using the latest printing machinery and design software, full colour photographic images are printed directly onto the surface of the material using a six colour printing process. This produces the best possible colour shades and tones.

Materials that can be printed onto:

Frosted Window Film	Yes
Clear Window Film	Yes
White Vinyl	Yes
Clear Vinyl	Yes
One Way Vision Film	Yes
Wallpaper	Yes
Canvas	Yes

Printed Window Films

Colour Photo on White Vinyl (Gloss Laminated)

High Resolution Photo on White Vinyl - Gloss Laminated

Film Description:

A full colour, high resolution photograph digitally printed onto white vinyl with a gloss laminated protective coating for extra durability. Matt lamination is also available. This can be applied onto glass doors, windows and partitions.

The solid white material enhances the vibrancy of the image and will also completely stop vision through the glass. This means that the image will only be visible from one side. Printed white vinyl has to be applied to the side of the glass where the image is to be viewed from.

If the printed image is being applied externally, it is recommended that the print is laminated prior to application. Even if the print is applied internally, lamination can increase the durability and lifespan.

Using the latest printing machinery and design software, full colour photographic images are printed directly onto the surface of the material using a six colour printing process. This produces the best possible colour shades and tones.

Materials that can be printed onto:

Frosted Window Film	Yes
Clear Window Film	Yes
White Vinyl	Yes
Clear Vinyl	Yes
One Way Vision Film	Yes
Wallpaper	Yes
Canvas	Yes

Printed Window Films

Colour Photo on White Vinyl (Matt Laminated)

High Resolution Photo on White Vinyl - Matt Laminated

Film Description:

A full colour, high resolution photograph digitally printed onto white vinyl with a matt laminated protective coating for extra durability. Gloss lamination is also available. This can be applied onto glass doors, windows and partitions.

The solid white material enhances the vibrancy of the image and will also completely stop vision through the glass. This means that the image will only be visible from one side. Printed white vinyl has to be applied to the side of the glass where the image is to be viewed from.

If the printed image is being applied externally, it is recommended that the print is laminated prior to application. Even if the print is applied internally, lamination can increase the durability and lifespan.

Using the latest printing machinery and design software, full colour photographic images are printed directly onto the surface of the material using a six colour printing process. This produces the best possible colour shades and tones.

Materials that can be printed onto:

Frosted Window Film	Yes
Clear Window Film	Yes
White Vinyl	Yes
Clear Vinyl	Yes
One Way Vision Film	Yes
Wallpaper	Yes
Canvas	Yes

Printed Window Films

Colour Vector on One-Way Vision (30% Transparency)

Vector Image on One-Way Vision Film

Film Description:

A full colour, vector image digitally printed onto one-way vision window film. The image is printed onto one side of the perforated film. When applied to external facing glass, the image will be visible from the outside during daylight hours whilst still allowing a clear view out from the inside. If used on internal glass it must be brighter on the side that the image is to be viewed.

Because the image has to be printed on the face of the film, if it is required for external windows, it must be applied externally. If the printed image is being applied externally, it is recommended that the print is laminated prior to application to improve the durability and lifespan.

Using the latest printing machinery and design software, full colour photographic images are printed directly onto the surface of the material using a six colour printing process. This produces the best possible colour shades and tones.

Materials that can be printed onto:

Frosted Window Film	Yes
Clear Window Film	Yes
White Vinyl	Yes
Clear Vinyl	Yes
One Way Vision Film	Yes
Wallpaper	Yes
Canvas	Yes

Printed Window Films

Colour Photo on Wallpaper

High Resolution Photo on Wallpaper

Description:

A full colour, high resolution photograph digitally printed onto wallpaper. Virtually any design or photo can be printed onto the material and applied onto any smooth wall surface.

The solid material enhances the vibrancy of the image and the quality of the wallpaper ensures the best finish once applied to the wall.

Using the latest printing machinery and design software, full colour photographic images are printed directly onto the surface of the material using a six colour printing process. This produces the best possible colour shades and tones.

Materials that can be printed onto:

Frosted Window Film	Yes
Clear Window Film	Yes
White Vinyl	Yes
Clear Vinyl	Yes
One Way Vision Film	Yes
Wallpaper	Yes
Canvas	Yes

MF1 Frosted Squares
MF2 Frosted Dots
MF3 Frosted Squares With Rounded Corners
MF4 Frosted Stars
MF5 Frosted Square Outlines
MF6 Frosted Dot Outlines
MF7 Frosted Square Outlines With Rounded Corners
MF8 Frosted Star Outlines
MF9 Frosted Squares With Dots Cut Out
MF10 Frosted Bullseyes
MF11 Frosted Sticks - Thin
MF12 Frosted Lolly Sticks - Thick
MF13 Frosted Lolly Sticks - Thin
MF14 Frosted Grids Of Squares
MF15 Frosted Grids Of Dots
MF16 Frosted Grids Of Rectangles - Horizontal
MF17 Frosted Grids Of Rectangles - Vertical
MF18 Frosted Sticks - Thick

Manifestation:

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A range of computer cut designs that can be used to make glass apparent and ensure that full height glass complies with legislation. These standard designs include simple dots and squares although bespoke designs can be created if required.

Manifestation

Frosted Squares

MF1

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

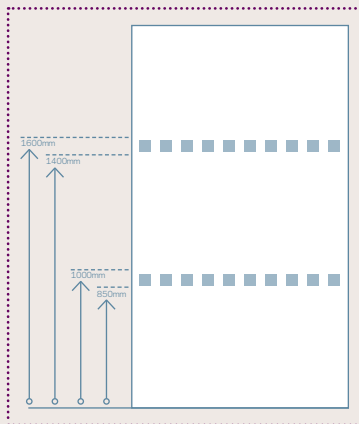
The Building Regulations 2000: Part M states that glass entrance doors and glass screens will satisfy requirement M1 or M2 if:

- a) They are clearly defined with glass manifestation on the glass at two levels; between 850mm and 1000mm and between 1400mm and 1600mm above the floor, contrasting visually with the background seen through the glass (both inside and out) in all lighting conditions.
- b) Manifestation takes the form of logo or sign at least 150mm high (repeated if on a glazed screen), or a decorative feature such as broken lines or continuous bands, at least 50mm high.

Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high with 50mm spaces.

Manifestation Design:



Manifestation

Frosted Dots

MF2

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

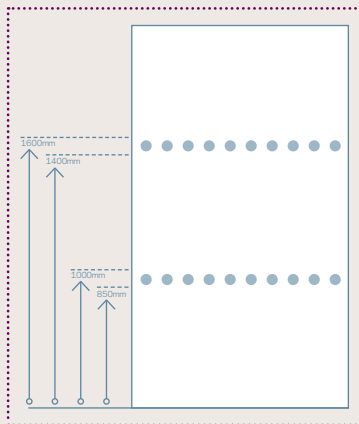
The Building Regulations 2000: Part M states that glass entrance doors and glass screens will satisfy requirement M1 or M2 if:

- They are clearly defined with glass manifestation on the glass at two levels; between 850mm and 1000mm and between 1400mm and 1600mm above the floor, contrasting visually with the background seen through the glass (both inside and out) in all lighting conditions.
- Manifestation takes the form of logo or sign at least 150mm high (repeated if on a glazed screen), or a decorative feature such as broken lines or continuous bands, at least 50mm high.

Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high with 50mm spaces.

Manifestation Design:



Manifestation

Frosted Squares with Rounded Corners

MF3

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

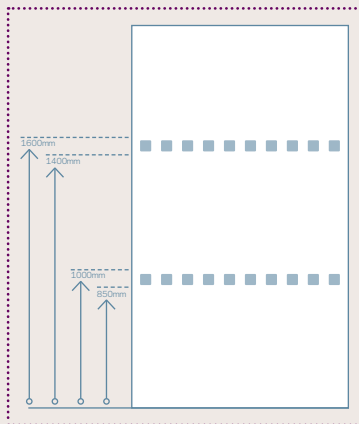
The Building Regulations 2000: Part M states that glass entrance doors and glass screens will satisfy requirement M1 or M2 if:

- They are clearly defined with glass manifestation on the glass at two levels; between 850mm and 1000mm and between 1400mm and 1600mm above the floor, contrasting visually with the background seen through the glass (both inside and out) in all lighting conditions.
- Manifestation takes the form of logo or sign at least 150mm high (repeated if on a glazed screen), or a decorative feature such as broken lines or continuous bands, at least 50mm high.

Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high with 50mm spaces.

Manifestation Design:



Manifestation

Frosted Stars

MF4

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

The Building Regulations 2000: Part M states that glass entrance doors and glass screens will satisfy requirement M1 or M2 if:

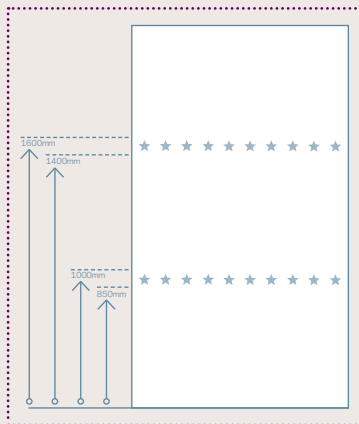
a) They are clearly defined with glass manifestation on the glass at two levels; between 850mm and 1000mm and between 1400mm and 1600mm above the floor, contrasting visually with the background seen through the glass (both inside and out) in all lighting conditions.

b) Manifestation takes the form of logo or sign at least 150mm high (repeated if on a glazed screen), or a decorative feature such as broken lines or continuous bands, at least 50mm high.

Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high with 50mm spaces.

Manifestation Design:



Manifestation

Frosted Square Outlines

MF5

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

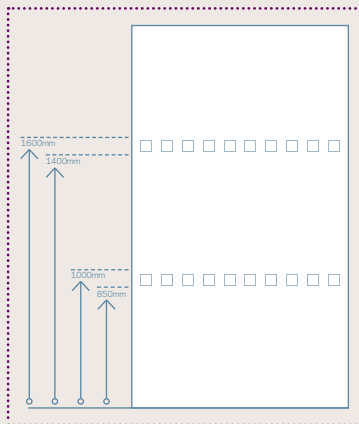
The Building Regulations 2000: Part M states that glass entrance doors and glass screens will satisfy requirement M1 or M2 if:

- They are clearly defined with glass manifestation on the glass at two levels; between 850mm and 1000mm and between 1400mm and 1600mm above the floor, contrasting visually with the background seen through the glass (both inside and out) in all lighting conditions.
- Manifestation takes the form of logo or sign at least 150mm high (repeated if on a glazed screen), or a decorative feature such as broken lines or continuous bands, at least 50mm high.

Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high with 50mm spaces.

Manifestation Design:



Manifestation

Frosted Dot Outlines

MF6

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

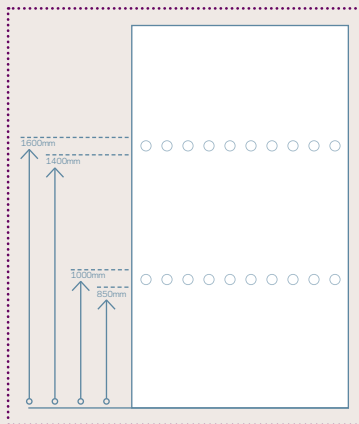
The Building Regulations 2000: Part M states that glass entrance doors and glass screens will satisfy requirement M1 or M2 if:

- They are clearly defined with glass manifestation on the glass at two levels; between 850mm and 1000mm and between 1400mm and 1600mm above the floor, contrasting visually with the background seen through the glass (both inside and out) in all lighting conditions.
- Manifestation takes the form of logo or sign at least 150mm high (repeated if on a glazed screen), or a decorative feature such as broken lines or continuous bands, at least 50mm high.

Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high with 50mm spaces.

Manifestation Design:



Manifestation

Frosted Square Outlines with Rounded Corners

MF7

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

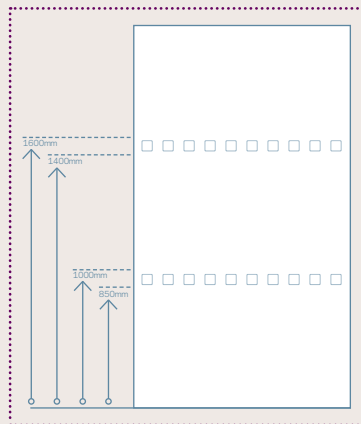
The Building Regulations 2000: Part M states that glass entrance doors and glass screens will satisfy requirement M1 or M2 if:

- They are clearly defined with glass manifestation on the glass at two levels; between 850mm and 1000mm and between 1400mm and 1600mm above the floor, contrasting visually with the background seen through the glass (both inside and out) in all lighting conditions.
- Manifestation takes the form of logo or sign at least 150mm high (repeated if on a glazed screen), or a decorative feature such as broken lines or continuous bands, at least 50mm high.

Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high with 50mm spaces.

Manifestation Design:



Manifestation

Frosted Star Outlines

MF8

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

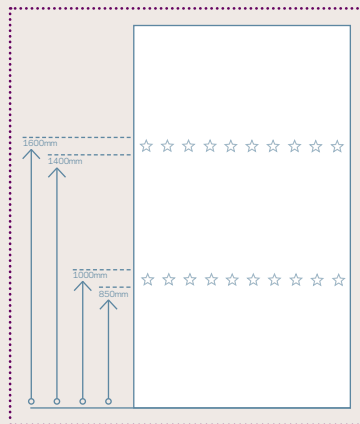
The Building Regulations 2000: Part M states that glass entrance doors and glass screens will satisfy requirement M1 or M2 if:

- They are clearly defined with glass manifestation on the glass at two levels; between 850mm and 1000mm and between 1400mm and 1600mm above the floor, contrasting visually with the background seen through the glass (both inside and out) in all lighting conditions.
- Manifestation takes the form of logo or sign at least 150mm high (repeated if on a glazed screen), or a decorative feature such as broken lines or continuous bands, at least 50mm high.

Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high with 50mm spaces.

Manifestation Design:



Manifestation

Frosted Squares with Dots Cut Out

MF9

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

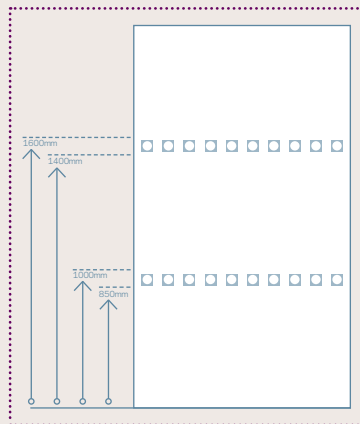
The Building Regulations 2000: Part M states that glass entrance doors and glass screens will satisfy requirement M1 or M2 if:

- They are clearly defined with glass manifestation on the glass at two levels; between 850mm and 1000mm and between 1400mm and 1600mm above the floor, contrasting visually with the background seen through the glass (both inside and out) in all lighting conditions.
- Manifestation takes the form of logo or sign at least 150mm high (repeated if on a glazed screen), or a decorative feature such as broken lines or continuous bands, at least 50mm high.

Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high with 50mm spaces.

Manifestation Design:



Manifestation

Frosted Bullseyes

MF10

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

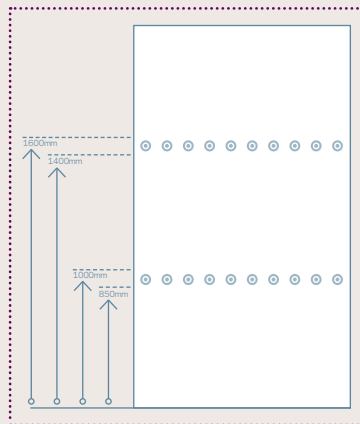
The Building Regulations 2000: Part M states that glass entrance doors and glass screens will satisfy requirement M1 or M2 if:

- They are clearly defined with glass manifestation on the glass at two levels; between 850mm and 1000mm and between 1400mm and 1600mm above the floor, contrasting visually with the background seen through the glass (both inside and out) in all lighting conditions.
- Manifestation takes the form of logo or sign at least 150mm high (repeated if on a glazed screen), or a decorative feature such as broken lines or continuous bands, at least 50mm high.

Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high with 50mm spaces.

Manifestation Design:



Manifestation

Frosted Sticks - Thin

MF11

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

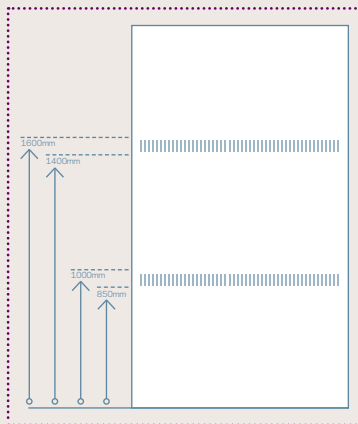
The Building Regulations 2000: Part M states that glass entrance doors and glass screens will satisfy requirement M1 or M2 if:

- a) They are clearly defined with glass manifestation on the glass at two levels; between 850mm and 1000mm and between 1400mm and 1600mm above the floor, contrasting visually with the background seen through the glass (both inside and out) in all lighting conditions.
- b) Manifestation takes the form of logo or sign at least 150mm high (repeated if on a glazed screen), or a decorative feature such as broken lines or continuous bands, at least 50mm high.

Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high, 5mm wide with 1.5mm spaces.

Manifestation Design:



Manifestation

Frosted Lolly Sticks - Thick

MF12

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

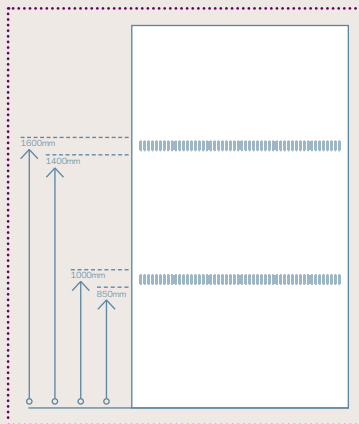
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- They are clearly defined with glass manifestation on the glass at two levels; between 850mm and 1000mm and between 1400mm and 1600mm above the floor, contrasting visually with the background seen through the glass (both inside and out) in all lighting conditions.
- Manifestation takes the form of logo or sign at least 150mm high (repeated if on a glazed screen), or a decorative feature such as broken lines or continuous bands, at least 50mm high.

Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high, 10mm wide with 10mm spaces.

Manifestation Design:



Manifestation

Frosted Lolly Sticks - Thin

MF13

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

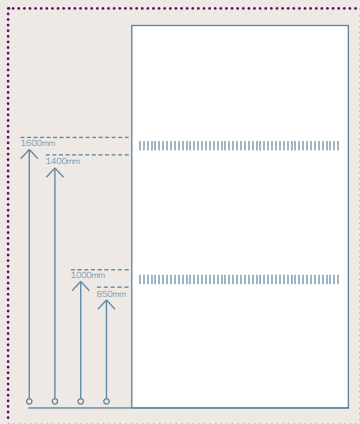
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Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high, 5mm wide with 5mm spaces.

Manifestation Design:



Manifestation

Frosted Grids of Squares

MF14

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

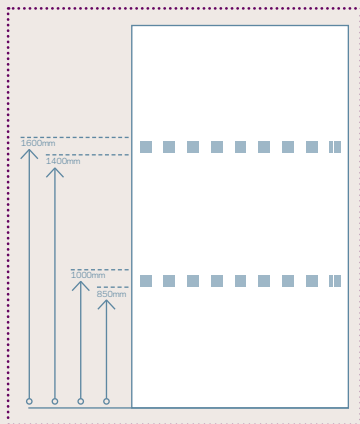
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Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high with 50mm spaces.

Manifestation Design:



Manifestation

Frosted Grids of Dots

MF15

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

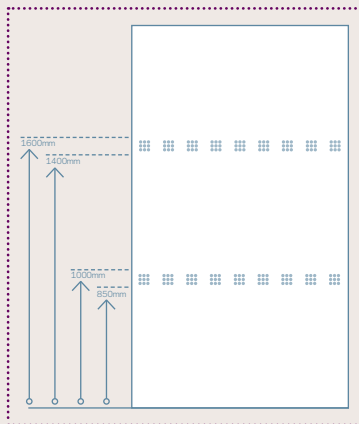
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- They are clearly defined with glass manifestation on the glass at two levels; between 850mm and 1000mm and between 1400mm and 1600mm above the floor, contrasting visually with the background seen through the glass (both inside and out) in all lighting conditions.
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Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high with 50mm spaces.

Manifestation Design:



Manifestation

Frosted Grids of Rectangles - Horizontal

MF16

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

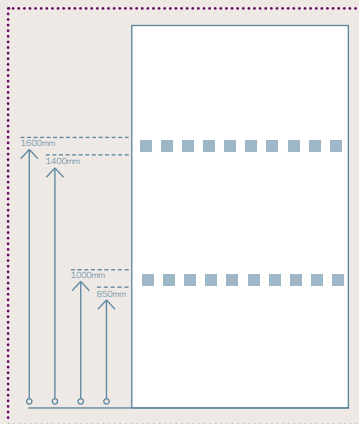
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Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high with 50mm spaces.

Manifestation Design:



Manifestation

Frosted Grids of Rectangles - Vertical

MF17

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

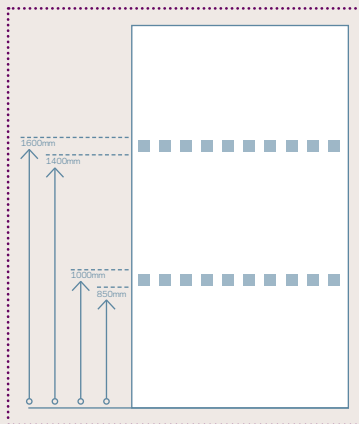
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Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high with 50mm spaces.

Manifestation Design:



Manifestation

Frosted Sticks - Thick

MF18

Manifestation Description:

Any full height glass in windows, partitions or doors must be marked with manifestation to make sure that it is made apparent. This aims to prevent someone walking into the glass which can cause serious injury. The design can be very simple but there are minimum requirements that must be met in order to comply with legislation.

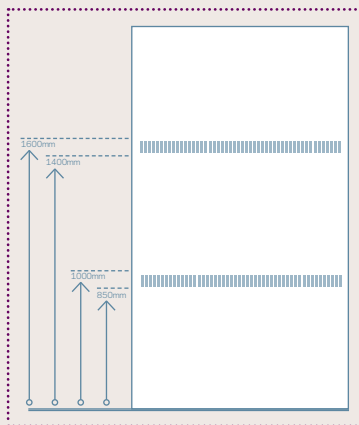
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- a) They are clearly defined with glass manifestation on the glass at two levels; between 850mm and 1000mm and between 1400mm and 1600mm above the floor, contrasting visually with the background seen through the glass (both inside and out) in all lighting conditions.
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Manifestation Notes:

This manifestation is usually produced with Frostbrite® window film. It can also be cut with any other frosted window film or coloured window film (clear or solid). Standard size 50mm high, 10mm thick with 10mm spaces.

Manifestation Design:





THE
WINDOW FILM
COMPANY®

All values for engineering parameters are determined by the manufacturers using independent and certified testing laboratories. Results may vary according to glass type. There may be restrictions concerning the suitability of this product to certain glazing types - please contact us for further advice. We recommend you put the film up to the glass and view in different lighting conditions to ensure you are happy with the appearance. www.windowfilm.co.uk

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