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# VION<sup>®</sup>

BUILDING WINDOW FILMS

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## **HOW TO CHOOSE THE RIGHT SUN CONTROL WINDOW FILM**

Summertime is finally here...but while we all love a bit of sunshine, it can also create some unwelcome effects too. Why? Well the same sunlight through glass on the buildings we live and work in can also cause issues with things like unwanted glare on tv or computer screens, fading to furnishings or excess heat gain meaning we're uncomfortably hot in the office or at home.

[www.vionfilms.co.uk](http://www.vionfilms.co.uk)

Sun control products are therefore important to alleviate these discomforts. Products like blinds and curtains are widely used to block glare or avoid heat gain, but they also block natural light coming into the room too.

Window films are the secret weapon against unwanted side effects of the sun. The beauty of window film is that, often you can't even see it, so you wouldn't know its there. Yet it is something you should consider in order to get the most from your building.

But how do you choose the right film? First, you need to identify what is your biggest issue? Do you want a window film to help reduce solar heat gain? Or is appearance the most important choice? Do you want a metallic film or neutral film on your glass?

**VION window films are packed with clever technology to help solve all your glazing issues.**

Sun Control Application	Product	VT	Durability	Heat gain reduction TSER	Glare Reduction	G Value
<b>External</b>	Silver 20 ECO EXT	24%	3 years	80%	82%	0.16
	Silver 20 PREM EXT	16%	10 years	84%	85%	0.14
	Silver 30 PREM EXT	30%	10 years	71%	69%	0.29
<b>Internal</b>	Neutral 25	30%	10 years	61%	65%	0.39
	Neutral 35	43%		50%	51%	0.5
	Neutral 50	49%		42%	46%	0.59
	Silver 20 ECO	24%	7 years	79%	83%	0.2
	Silver 30 ECO	43%		42%	64%	0.38
	Silver 20 PREM	23%	12 years	80%	80%	0.2
	Silver 30 PREM	44%		68%	64%	0.31
	Silver 50 PREM	59%		58%	47%	0.45
<b>Internal</b>	Silver Gold 20	15%	10 years	78%	83%	0.25
	Silver Blue 20	12%		72%	86%	0.27
	Silver Green 20	15%		77%	83%	0.23
	Silver Bronze 20	12%		76%	91%	0.23
	Mirror Privacy 90%	10%	10 years	82%	90%	0.18
	Mirror Privacy 80%	20%		76%	80%	0.25
<b>Internal</b>	Insulation 20	15%	6 years	82%	83%	0.18
	Insulation 50	45%		60%	54%	0.4



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## SILVER ECO SERIES

### Why choose Silver Eco?

-  **REDUCE HEAT GAIN**
-  **REDUCE GLARE**
-  **DAYTIME PRIVACY**
-  **REDUCE FADE**
-  **ECONOMY OPTION**

An economy polyester metallic mirror window film with a 7 year durability. Available in interior and exterior options for windows to reflect 70-80% of the sun's rays and resolve solar heat gain. The silver film rejects excess light to reduce glare.

The film also blocks almost the entire amount of UVA and UVB rays which are the main cause of fading and skin damage. The silver reflective film ensures daytime privacy, whilst creating a modern appearance on the building exterior.

### The range:

VWF Silver 20 Eco	20% VLT
VWF Silver 30 Eco	30% VLT
VWF Silver 20 Eco Ext	20% VLT



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## SILVER

## PREMIUM SERIES

### Why choose Silver Premium?



REDUCE HEAT GAIN



REDUCE GLARE



DAYTIME PRIVACY



REDUCE FADE



PREMIUM OPTION

A premium polyester metallic mirror window film with 12 year durability. Available in interior and exterior options for windows to reflect 50-80% of the sun's rays and resolve solar heat gain. The film rejects excess light to reduce glare.

The film also blocks almost the entire amount of UVA and UVB rays which are the main cause of fading and skin damage. The silver reflective film ensures daytime privacy, whilst creating a modern appearance on the building exterior.

### The range:

VWF Silver 50 Premium	50% VLT
VWF Silver 30 Premium	30% VLT
VWF Silver 20 Premium	20% VLT
VWF Silver 20 Premium Ext	20% VLT
VWF Silver 30 Premium Ext	30% VLT



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## SILVER COLOUR SERIES

### Why choose Silver Colour?

-  **REDUCE HEAT GAIN**
-  **REDUCE GLARE**
-  **DAYTIME PRIVACY**
-  **REDUCE FADE**
-  **COLOUR APPEARANCE**

A premium polyester coloured metallic mirror window film with 10 year durability. For interior application on windows to reflect 80% of the sun's rays and resolve solar heat gain. The film rejects excess light to reduce glare.

The film also blocks almost the entire amount of UVA and UVB rays which are the main cause of fading and skin damage. The reflective films ensures daytime privacy, whilst creating a gold, bronze, green or blue silver coloured appearance on the building exterior.

### The range:

VWF Gold/Silver 20	20% VLT
VWF Green/Silver 20	20% VLT
VWF Blue/Silver 20	20% VLT
VWF Bronze/Silver 20	20% VLT



# VION. NEUTRAL SERIES

## Why choose Neutral?



REDUCE HEAT GAIN



REDUCE GLARE



DAYTIME PRIVACY



REDUCE FADE



DISCREET APPEARANCE

A premium polyester neutral window film with 10 year durability. For interior application on windows in a variety of light levels from dark, medium and light to resolve solar heat gain and glare issues. The neutral tint continues to allow some natural light transmission to offer a discreet solution, with only a touch of colour to the building appearance.

The film also blocks almost the entire amount of UVA and UVB rays which are the main cause of fading and skin damage.





## The range:

VWF Neutral 25 Dark	25% VLT
VWF Neutral 35 Medium	35% VLT
VWF Neutral 50 Light	50% VLT



# VION. TOTAL UV SERIES

## Why choose Total UV?

-  **ABSORBS UV RAYS**
-  **ABSORBS SUNLIGHT**
-  **REDUCES FADE**
-  **RETAIL DISPLAYS**

A 50 micron polyester UV protection window film with 10 year durability. For interior application on windows to absorb ultraviolet rays, through sunlight in order to reduce discoloration and fade.

Perfect for use within retail displays or any areas exposed to sunlight, where the highest fade protection is required. The film blocks light up to 420nm meaning it offers the highest protection against fade from UV light alone.

## The range:

VWF Total UV 400

70% VLT



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# INSULATION

# SERIES

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## Why choose Insulation Film?



REDUCE HEAT GAIN



REDUCE HEAT LOSS



SAVE MONEY

A 40-50 micron polyester solar insulation window film with 6 year durability. For interior application on windows to reduce solar heat gain by around 82%, whilst providing protection against heat loss in winter by 34%.

These films retain heat inside a building as well as reject energy from the sun coming in, to increase insulation performance by 40%. Good heat rejection provides additional comfort and energy savings in the summer months. VION Insulation Series can therefore save you money on heating and air conditioning costs once installed.

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## The range:

VWF Insulation 20	20% VLT
VWF Insulation 50	50% VLT

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# VION. COMBINATION SERIES

## Why choose Neutral Combi?



REDUCE HEAT GAIN



REDUCE GLARE



MAXIMUM PROTECTION



DISCREET APPEARANCE

A 125 micron polyester safety and solar combination window film with 5 year durability. For interior application on windows to reduce solar heat gain by around 75%, whilst providing protection against glass breakage in the event of impact.

In the case of glass breakage, the fragments are held together by the film's strong acrylic adhesive. The film provides enhanced security, protection from graffiti and vandalism whilst also rejecting UV light, to reduce fading to fabrics and furnishings.

## The range:

VWF Neutral 35 Combi 4      35% VLT



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## SAFETY SERIES

### Why choose Safety?



**MAXIMUM PROTECTION**



**REDUCE FADE**



**DISCREET APPEARANCE**

Designed for use on the inside or outside surface of windows to provide an effective protection from injuries to persons in the event of an impact, explosion or fire. Available in a variety of thickness high optical quality polyester multi-layered films.

In the case of glass breakage, the fragments are held together by the film's strong acrylic adhesive. The film provides enhanced security, protection from graffiti and vandalism whilst also rejecting UV light, to reduce fading to fabrics and furnishings.

### The range:

VWF Safety 4	120 micron
VWF Safety 7	240 micron
VWF Safety 8	240 micron
VWF Safety 4 Ext	120 micron
VWF Graffiti Safety 4	120 micron



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## MIRROR PRIVACY SERIES

### Why choose One Way?



REDUCE HEAT GAIN



REDUCE GLARE



MAXIMUM PRIVACY



REDUCE FADE

A premium polyester metallic one way mirror window film with 10 year durability. For interior application on windows to reflect 80%-90% of the sun's rays and resolve solar heat gain. The film rejects excess light to reduce glare.

Designed to reduce solar heat gain and problems with glare, VION One Way films ensures maximum daytime privacy, whilst also providing a modern appearance on building exteriors. The film also blocks almost the entire amount of UVA and UVB rays which are the main cause of fading and skin damage.

### The range:

VWF Mirror Privacy 90%	10% VLT
VWF Mirror Privacy 80%	20% VLT



# VION. DÉCOR SERIES

## Why choose Décor?



CHOICE OF PATTERNS



SCRATCH RESISTANT



ENHANCED PRIVACY

A range of decorative window films that are ideal for internal application to customise windows and glass partitions. Perfect for privacy, decorative and architectural finishes.

These 40 micron self-adhesive polyester films guarantee a 5 year durability and are REACH RoHS compliant with a M1 Fire Resistance Rating.

## The range:

Graduation

Lines

Abstract

Geometric

Blackout

Opalescent

Gloss Transparent Colours

Matt Transparent Colours

Reeded Glass










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