

PERFORMANCE. PRICE.



**VION**

BUILDING WINDOW FILMS



## 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.

[vionfilms.co.uk](http://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            | VLТ | DURABILITY | HEAT GAIN REDUCTION TSER | GLARE REDUCTION | G VALUE |
|-------------------------|--------------------|-----|------------|--------------------------|-----------------|---------|
| EXTERNAL                | 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    |
| INTERNAL                | 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    |
|                         | 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    |
|                         | 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 |

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## 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 |





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## 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 |
|------------------|---------|

# VION<sup>®</sup>

## INSULATION SERIES

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.

The range:

|                   |         |
|-------------------|---------|
| VWF Insulation 20 | 20% VLT |
| VWF Insulation 50 | 50% VLT |



## VION<sup>®</sup> 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

## VION<sup>®</sup> 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 |





# VION<sup>®</sup> 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<sup>®</sup> 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 | Opalescent                |
| Lines      | Gloss Transparent Colours |
| Abstract   | Matt Transparent Colours  |
| Geometric  | Reeded Glass              |
| Blackout   |                           |







ONE BRAND, JOB DONE.

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**VION**®

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