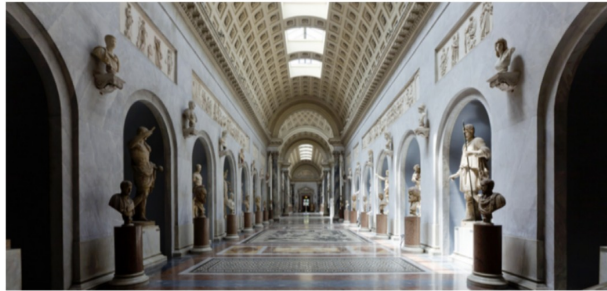


**PRODUCT SPECIFICATION SHEET**

# UV Protection & Anti-Fade Film Range

## Clear UV and Ultra UV interior films

A professional anti-fade range designed to absorb ultraviolet radiation and help reduce premature fading of furnishings, displays, stock and other light-sensitive materials. Clear UV preserves maximum daylight, while Ultra UV adds stronger solar-control performance.

**Clear UV Protection Window Film**

Highly transparent UV filtering for museums, galleries, displays and interiors.

**Ultra UV Window Film**

Light-grey anti-fade film with additional heat and glare control.

**CLEAR UV ORDERING**

By metre or 30m full roll in 76cm, 90cm and 152cm widths. Minimum 3m when ordering by the metre.

**ULTRA UV ORDERING**

By metre or 30m full roll in 152cm width. Minimum 3m when ordering by the metre.

**UV TRANSMISSION****0.5% both films****VISIBLE LIGHT****90% / 66%****WARRANTY****10 years****INSTALLATION****Interior**

**TECHNICAL DATASHEET**

# UV Protection & Anti-Fade Film Range

## Technical comparison

| Performance property                         | Clear UV    | Ultra UV   |
|----------------------------------------------|-------------|------------|
| Ultraviolet transmission                     | 0.5%        | 0.5%       |
| Visible light transmission                   | 90%         | 66%        |
| External visible reflection                  | 9%          | 11%        |
| Internal visible reflection                  | 9%          | 11%        |
| Total solar energy rejected                  | 14%         | 42%        |
| Total solar energy rejected - double glazing | 15%         | 40%        |
| Solar energy reflection                      | 9%          | 18%        |
| Solar energy absorption                      | 7%          | 26%        |
| Solar energy transmission                    | 84%         | 56%        |
| Reduction in solar glare                     | 13%         | 28%        |
| g-value                                      | 0.85        | 0.59       |
| u-value                                      | -           | 5.8        |
| Shading coefficient                          | 0.9         | 0.7        |
| Composition                                  | PET         | PET        |
| Thickness                                    | 50 microns  | 50 microns |
| Colour                                       | Transparent | Light grey |

### Construction and care

Both films use a scratch-resistant hard coating, high optical quality polyester, bonding layers, pressure-sensitive adhesive and a disposable release liner. Use a mild soapy-water installation solution and do not clean for at least one month after fitting.

**INSTALLATION GUIDANCE**

# UV Protection & Anti-Fade Film Range

## Glass compatibility

| Glazing type                   | Clear UV | Ultra UV |
|--------------------------------|----------|----------|
| Clear single pane              | Yes      | Yes      |
| Tinted single pane             | Yes      | Yes      |
| Reflective tinted single pane  | Yes      | Yes      |
| Clear double pane              | Yes      | Yes      |
| Tinted double pane             | Yes      | Yes      |
| Reflective tinted double pane  | Yes      | Yes      |
| Gas-filled double pane - Low E | Yes      | Yes      |
| STADIP EXT. clear double pane  | Yes      | Yes      |
| STADIP INT. clear double pane  | Yes      | Caution  |

### Specification guidance

Recommendations are based on vertical installation on standard glazed surfaces. For larger areas, unusual glazing or uncertain specifications, request a thermal-check analysis before fitting.

### Trade supply note

Clear UV is available in 76cm, 90cm and 152cm widths. Ultra UV is listed in 152cm width. Both have per-metre and full-roll options with a 3m minimum for cut lengths.