

Technical Data – Reduce Fading

Reducing Fading with Laminated Glass

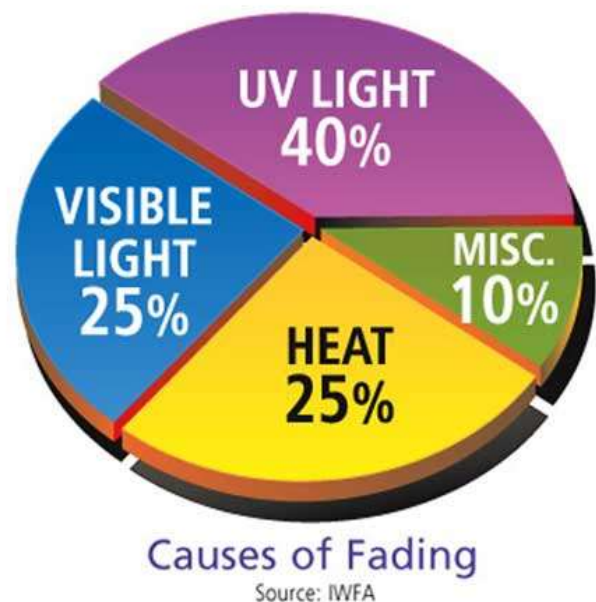
Curtains, carpets, wall coverings, furniture and pictures are all at risk of fading. There are various factors which can cause fading to happen:-

- Ultraviolet light
- Visible light
- Solar gain/heat
- Artificial lighting and humidity (Misc.)

To completely eliminate fading due to UV the Glass would have to be 100% blacked out, but laminated interlayers (pvb or acoustic) offer reasonable protection from the Sun's rays (UV, natural light and solar heat).

In summary: as you can see from this chart the sun is a major factor when it comes to fading with UV the main contributor at around 40%.

Laminated Glass will not completely block out UV, Solar heat or visible light so fading cannot be totally eliminated, however it will reduce the damage caused by the sun's harmful rays.



Laminated glass is produced by bonding two or more panes of glass together with sheets of PVB interlayer. The result is safety glass which, if broken, remains in place.

By adding 2 or more PVB interlayers between the glass panes, laminated glass also offers increased security as it becomes progressively more difficult to break through the glass even after it has been broken.

Laminated glass also offers improved levels of sound control, making it an ideal product for busy streets or area's where noise reduction, security and safety are paramount.

For further information on laminated glass visit our website: <http://www.olympicglass.co.uk/Safety-and-Security>