

## UV Protection Film choices

I discussed the various films which may be suitable and left you the chart showing what makes up the causes of fading.

To recap;

There is no difference in UV protection between any of the films supplied as they all reject 99% of UV radiation.

As can be seen from the chart there are also other factors which contribute to fading and by choosing a slightly tinted film (Sterling) much better protection can be achieved over a clear film (Armorcoat).

In retail premises where you are dependent on good vision into the shop through the glass there is always a compromise between protection and good vision. As you increase the tint and protection there is an increase in the exterior reflection and therefore reduced visibility. However even a slight tint can reduce the amount of Visible Light & Solar Energy entering the shop and improve the protection with only a slight loss of visibility. In our experience it is worth choosing a film from the Solar Gard Sterling range of films which incorporates a tint rather than the clear Armorcoat. I suggest either the Sterling 60 or Sterling 70 films.

It is therefore a personal choice of Protection against Visibility and Price.

### Fade Protection provided

Film	UV protection	Visible light reduction	Solar Energy reduction	Total Protection Against Fading
Clear Armorcoat 2 mil	99%	15%	25%	49%
Sterling 70	99%	25%	42%	56%
LX70	99%	28%	55%	61%
Sterling 60	99%	37%	52%	62%
Sterling 50	99%	51%	56%	66%
Sterling 40	99%	59%	63%	70%

### Strong Films

Film	UV protection	Visible light reduction	Solar Energy reduction	Total Protection Against Fading
Silver 20	99%	85%	69%	78%
TrueVue 15	99%	89%	69%	79%
TrueVue 05	99%	95%	70%	81%