

## 04 Solar Energy Control

Natural light plays an important role in architectural design, but too much sunlight can also mean too much heat gain. To lower air conditioning costs and control glaze, laminated glass can be used. Laminated glass can also combine with reflective coated glass or low-e glass with heat absorbing glass tints .

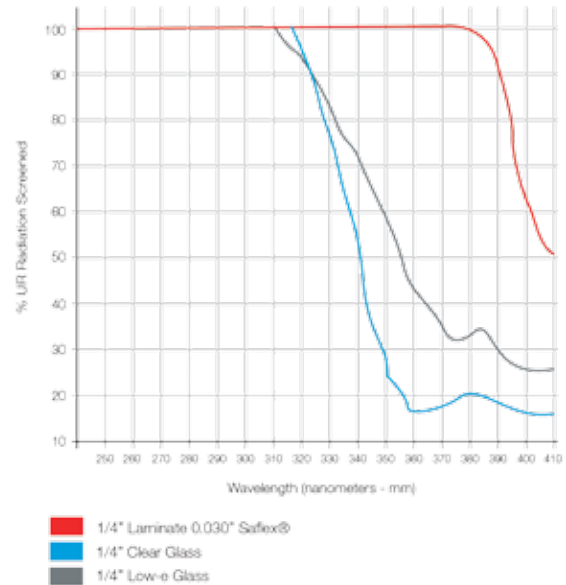
## 05 UV Elimination

Ultraviolet light is the leading cause of fading of furnishings pictures, and fabrics. Laminated glass screens out 99% of the sun's UV radiation protecting interior furnishing, displays or merchandise from fading.



Seringin Residences Kuchai Lama, Kuala Lumpur

## Comparative Ultraviolet Screening Performance



UV screening defined as the ability of the configuration to screen greater than 99% of UV radiation to 380nm wave length.

CSG Laminated Glass has been certified as Grade A safety glass since 2015 under the SIRIM product certification scheme which follows the AS / NZS 2208 Safety Glazing Materials in Building, requirement and guidelines.

CSG Laminated Safety Glass strictly meet the following requirement:

- ◇ Thickness requirement (4 to 19mm)
- ◇ Size tolerance requirement
- ◇ Squareness of rectangular requirement
- ◇ Flatness
- ◇ Boil test
- ◇ Pummel test