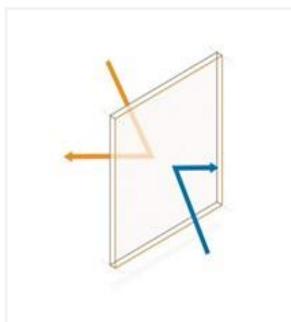


## Glazing Types

The type of glass used in windows, doors, skylights, glass roofs and conservatories, will influence the safety, security, thermal performance, acoustic insulation and privacy of the unit. In some cases the glass can be custom made, in particular for the use in overhead glazing.



Glazing units are produced incorporating different coatings, tinting, toning and frosting to achieve the projects required performance.



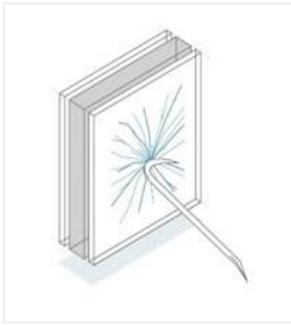
### Low-emissivity (LowE) and Solar Control Glass

Low-emissivity (LowE) coatings are applied to the surface of glass panels in order to minimize the amount of infrared and ultraviolet light through the glass, creating a consistent indoor temperature. LowE coatings are very thin and transparent, meaning the visible light transmitted through the glass is not compromised. LowE coatings lower the Solar Heat Gain (SHGC) of the glass, which is the heat gained through direct sunlight.



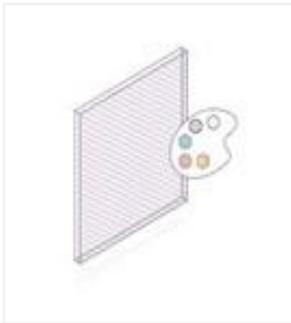
### Acoustic Glass

Acoustic glass usually consists of laminate glass panels with a specially designed PVB laminate interlayer. This interlayer reduces sound transmission by dampening noise and reducing vibrations. Acoustic laminated glass, often complies with the required safety standards as well, as it reduces the strength of the glass. In addition to the strength and sound benefits, the laminated interlayer also filters 99% of UV transmission, protecting your internal finishes.



### **Safety and Security Glass**

All glass roofs, skylights and overhead glazing must be designed to Australian Standards to ensure they meet the required impact and wind load ratings. SCS has the capabilities to design and certify glass roofs and skylights to this standard, to ensure the product specified and installed is compliant, giving you, your family and business peace of mind. All glass roof or skylight panels go through toughening procedures to ensure the glass has sufficient strength.



### **Toned Glass**

Toned glass can also be known as tinted glass. Clear glass is applied with colouring additives in order to significantly reduce the glare and direct heat gain from the sun. Toned glass is commonly found in shades of bronze, grey, blue or green.



### **Privacy Glass**

For some glass roofs and skylights, especially where the building is close to the adjoining property, privacy is important. In these cases, we have a variety of glass types and films to provide privacy to the indoor area, whilst still allowing natural light to fill the space.

For more information on our products and services, please contact SCS, so we can assist you with the design and pricing of your glazing project.

