



Congratulations to the following new projects! In the coming section, we will zoom in the glass that SSG supplied to these winning designs of [BCA Universal Design Mark Awards 2014!](#)

Gardens by the Bay

Platinum Winner

Zoom in: [DuraScreen-DigitalPrint](#)



Glazed as a skylight for the porch outside the Headquarters of Gardens by the Bay, the application favourably demonstrated several key benefits of using [DuraScreen-DigitalPrint](#).

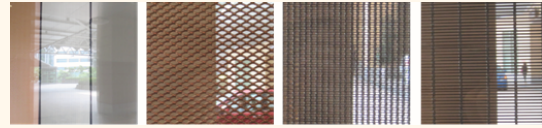


Benefits

1. **Customised design** befitting the Garden theme
2. **Seamless joining** of images printed on consecutive panels
3. Allows **variable shading efficiency** based on design
4. Can be **laminated into safety glass** for overhead applications

Mount Elizabeth Novena Hospital

GoldPLUS Winner



Zoom in: Wire Mesh DGU



Installed along the walkway to the entrance of the hospital, these glass panels are double-glazed with wire mesh encapsulated in the airspace, a configuration which is exclusively done by SSG.



Benefits

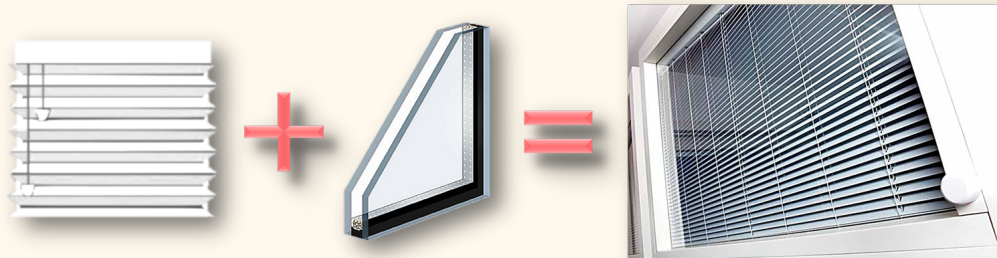
1. The sheen of the wire mesh brings out an air of **solid elegance**
2. Double-glazed units helps to **insulate** the interior
3. Allows **variable shading efficiency** based on choice of mesh



When Glass Marries Shade

It sounds like a paradoxical union, but it is possible. As glass admits light, we often find the need for extra shading help – blinds, curtains or window shutters. These shading items require frequent cleaning, with bent slats or messy cords becoming a potential bother. In SSG, we offer the union by **encapsulating blinds in a double-glazed unit**.

What brings them together?



VariShade, like any insulated glass units, is a configuration of two glass panes separated by an airspace, supported with an aluminum spacer. This means that the blinds in VariShade are enclosed in a non-convective and sealed airspace, eliminating the need for cleaning. No wire connections are visible after installation, keeping the unit virtually safe from destructive tampering.

Eco-Shading Solution

The hermetically-sealed airspace provides **heat insulation**, allowing a more consistent indoor temperature, hence saving **electricity costs** from reduced air-conditioning loading. We can also save on costs involved in the maintenance and cleaning of traditional shading items. VariShade can also come with an **opt-in solar panel** to enhance the battery life of the control.



Other Benefits of VariShade

Motorised Solutions

Up to 12 blinds can be controlled simultaneously from a single position by a remote control, or integrated with your in-house centralised system.



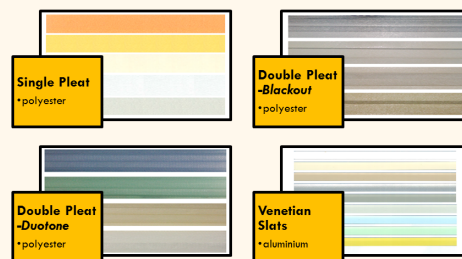
Heat & Sound Insulation Qualities

Inter-glass space reduces the amount of solar heat and sound transfer across the installation. Thermal performance can be enhanced with low emissivity options, achieving better U-values.



Design Flexibility

Assortment of blinds in different colours and finishing. From single-coloured pleated fabric to duo-tone duette fabrics and reflective or opaque-coated aluminium venetian blinds. Black-out options are also available.



Glass of the Future

[ArchDaily](#) has recently published [14 Architectural Trends That Will Define The Next Decade](#), a telescope into the future of architecture, and possibly a crystal ball for building material suppliers. SSG took a sneak-peak and highlighted 3 interesting trends that SSG's glass can play an unassuming role in.

1. Indoor Parks

AgriGlas

Check out SSG's [AgriGlas](#), a laminated glass with pink tint, designed to maximise the admission of light that plants can use for photosynthesis.

An original idea for greenhouses and gardens, do you think we have it ready for indoor parks and conservatories?

3. Invisible Architecture

Spy Mirror

No doubt one-way mirror, also known as the spy mirror, can be aptly used to camouflage tree-top houses in forests or to reflect much of a building's surroundings to make it seemingly "invisible".

2. Natural Disaster-Proof Forts

Storm-Resistant Glass

Contrary to common belief, glass can be glazed to withstand extreme weather conditions to save lives. SSG offers storm-resistant glass, StormShield®, for protection against cyclones and hurricanes.

As we customise to specific needs, send your enquiry to ssglass@singnet.com.sg for more information!

On a side-note, being unheard may be as important as being unseen...

Need both features mentioned? In the next issue, we will talk about the different ways glass can offer **visual and audio privacy**.

Stay tuned!

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