



# clearglass

## SOLUTIONS

THE CHOICE IS CLEAR

*Product Description:* Switchable Glass. Supplier Clear Glass Solutions

What is Switchable Glass? Switchable Glass is a glass that can change from clear to white with the flick of a switch.

Our electric switchable glass changes from white obscure glass to clear glass in the blink of an eye. The applications for this product are significant, ranging from windows to office meeting rooms and even showers or toilets. The limitations are purely your imagination

Switchable glass from Clear glass Solutions can be used internally or externally as part of a double glazed unit.

It has a function that the transmittance of the glass can be controlled by electrical switching thus giving a privacy barrier or clear views when required. At the same time, they have a function of the real projection screen whereby images can be projected onto the glass eliminating the need for projector screens or white walls.

Switchable glass is transparent when switched on and opaque when switched off

*Safety:* Switchable glass is a laminate glass so can be used with toughened glass becoming safety laminate glass or heat strengthened glass.

*Environment:* Resist more than 90% infrared radiation and more than 98% UV-ray.

*Sound-proof:* Electric glass and the film can effectively block all kinds of noises.

*Specifications:*

Max Size: W900mm\*H3000mm, Option of :W 1200mm\*H3000mm

Glass Spec: Annealed float glass as standard. Other glass options include Toughened clear glass, toughened Low-Iron Glass, toughened Tinted glass and heat strengthened options are available

Thickness:4mm,5mm,6mm,8mm,10mm,12mm depending on area for use. Laminate thicknesses can therefore be in any variable utilizing these glass thicknesses.

Laminate interlayer thickness: 1.14mm

*Notes:*

Electrical Performance      Operating Voltage: AC110V

Frequency Range: 50HZ ~ 60HZ

Amperage:100mA per square meter

Power consumption:7W per square meter

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Switching Speed: Less than 1 second Optical Performance

Transfer between Frost and transparent through switching

Parallel Light Transmittance: 75% Power on, 10% power off

Sunlight transmittance: 80% power on, 60% power off using clear annealed glass

Haze: 3% power on, 82% power off

UV block: more than 98%

Visible Angle: 130 degree Operating environment - 20 degree to + 60 degree

Life-span: more than five years

Quality Guarantee: two years depending on manufacturer.

Applications: Bathrooms/ ensuites, Indoor rooms, Office partitions, curtain walls, facades, conference rooms, meeting rooms, Hospitality Projection, Restaurants, home theater rooms, etc. The opportunities are almost endless.

Switchable Glass Max Sizes(mm)	
Total Thickness	Max Sizes ( L x W)
9mm(4+4+1.14)	1500×900mm
11mm(5+5+1.14)	3000×1200mm
13mm(6+6+1),	3000×1200mm
17mm(8+8+1),	3000×1200mm

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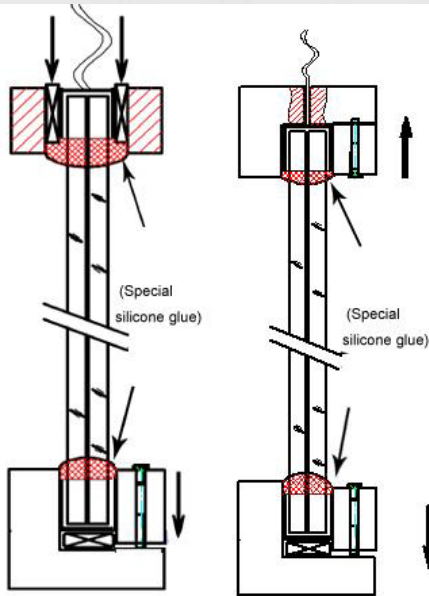
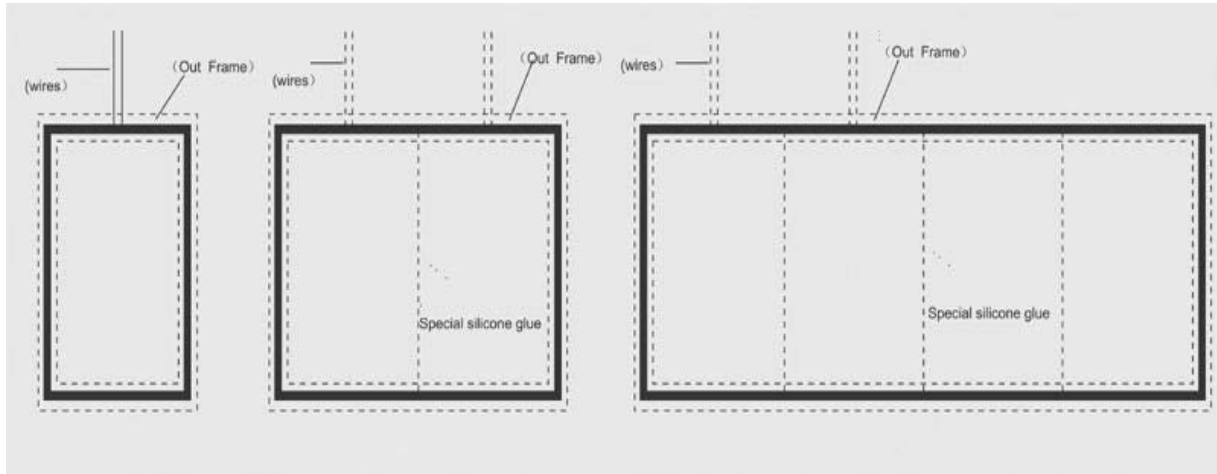
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