

# switchable™

LCD PRIVACY GLASS

lcd privacy glass system solutions

ESG Switchable™ is the switchable glass of choice for architects, partitioners and interior specialists. More than 15 years of development and customer consultation have gone into its creation; resulting in an advanced glass solution that works harder and provides greater versatility, for an exceptionally wide range of designs and applications. The ESG Switchable™ range offers a variety of films to suit different applications and address the most complex challenges. Options include electrical systems with discrete wiring and bus bars, as well as our battery powered Secure Vue™ door panel, which does not require mains wiring.

ESG Switchable™ is available in sizes up to 1,800mm x 3,500mm, in custom shapes and sizes. It can be combined with any of our range of security or decorative glass products, as well as sound attenuation, for a total glass solution. Using only the most carefully selected materials, ESG offers bespoke solutions for a host of applications including:

Showers and wetrooms

Partitioning

Corporate and offices

Health

Residential

High security facilities

Advanced Features

The largest size film  
on the market - 1,800mm x 3,500 mm

High quality film with less haze

Electrical systems featuring  
discrete wiring and bus bars

Can be incorporated in non-standard shapes,  
or even hole punched, to accommodate specific  
display applications

Life expectancy of up to 25 Years  
with due care

Driving voltage from  
65v A.C.

Blocks 99% of UV rays

Not susceptible to mechanical failure like powered  
shutters, curtains or blinds

Can be combined with certified ESG security  
glass products, acoustic and  
decorative interlayers

5 year warranty  
on glass & electrical components

showers & wetrooms



In smaller and internally sited bathrooms, ESG Switchable™ can be used to provide additional light and a greater feeling of space.

This makes our privacy glass the preferred choice for use in small hotel bathrooms and domestic ensembles, as well as in larger areas as a striking and practical modern design feature.

ESG Switchable™ is certified for wet area use, is IPx8 rated, and also has TRAC certification. Custom voltage options are available.

Provide additional light

Greater feeling of space

Preferred choice for use in small hotel  
bathrooms and domestic ensembles

Certified for wet area use

corporate & commercial



ESG Switchable™ LCD Privacy Glass products are available in custom sizes and shapes, making it an ideal choice for architects and designers when creating conference rooms, office & boardroom partition screens, doors, sliding/folding doors, windows and even roof-lights. It is also ideal for retail applications, especially for screening high value merchandise.

Largest sizing on the market –  
perfect for partitioning

Coloured interlayers available

Optional attributes such as security and  
decorative interlayers are available

Can be used as a rear projection screen

On demand screening for displays of  
high value goods

residential



ESG Switchable™ is increasingly popular for use in private residences. As a privacy solution it is ideal to screen the occupants from the public gaze or busy built-up urban landscapes, while allowing them to enjoy the view when they choose. It is also increasingly used to create defined areas within the home, while still allowing natural light to flood through. It can even be used as a back projection screen to watch movies or play digital games.

Tinted glass or Vanceva colour options available

Compatible with Alexa and Google AIs

Can be combined with home automation systems

Can be used in window/bathroom or overlooked  
glazing, home office and studies, bath and shower  
screens, family areas, bedrooms  
and conservatories

securevue™



Secure Vue™ is a wire-free, switchable LCD privacy glass panel for doors, powered by a discreet, battery pack installed within the body of the door. Ideal for doors which require PAS 24 certification, Secure Vue™ can be applied with high security glass for external doors, providing a far superior alternative to outdated spyholes. In interior doors, it allows privacy or transparency at the touch of a button.

Ideal for medical and custodial applications

Perfect for domestic front doors

High security options

No mains wiring required

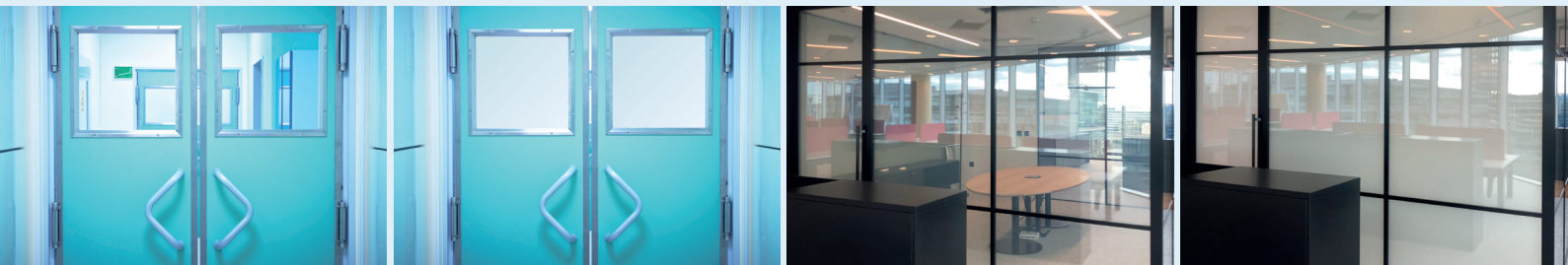
Please request our separate  
Secure Vue™ brochure.

# switchable™ specification overview

<b>Glass Colour:</b>	Can be combined with colour interlayers, a wide range of tinted or patterned glass to meet bespoke requirements	<b>Environmental:</b>	Storage -20 °C to 70 °C (-4 °F to 158 °F)
<b>Glass Type:</b>	Low iron, annealed, heat strengthened, tempered (All laminated)	<b>Operation:</b>	0 °C – 70 °C (32 °F – 160 °F)
<b>Thickness:</b>	Various from 10 mm to multi-layer laminates	<b>Electrical:</b>	Driving voltage: from 65 volts A.C. Current: 130 mA per square metre Power: 10 Watts per square metre
<b>Size:</b>	Maximum size: 1,800mm x 3,500mm	<b>Switching Time:</b>	Approx. 100 milliseconds at room temperature
<b>Shape:</b>	Any Shape including holes	<b>Product Life:</b>	Up to 25 Years with due care

## benefits for customers

- Manufactured in UK
- Full technical support and backup
- Extensively tested, both in house and by Europe's leading independent certifiers
- Supply and installation service
- Electrical systems supply and fit service available
- Solutions for a wide variety of applications
- UK and European-wide delivery service on ESG's fleet of specialist vehicles
- Crating and shipping export service



## quality standards

As a team, we strive to achieve the highest standards of glass production and customer service as part of our core vision and values. Together, we aim to provide world class glass solutions through a wide range of innovative and excellent product options. We endeavour to outshine our competitors in all that we do.

Our products are extensively tested, both in house and by Europe's leading independent, third-party certifiers and testers, including BRE and the British Standards Institute. When you order ESG products, you can enjoy complete confidence about their quality and performance.

For full information regarding our products and the relevant standards with which they comply please visit [www.esg.glass](http://www.esg.glass)



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