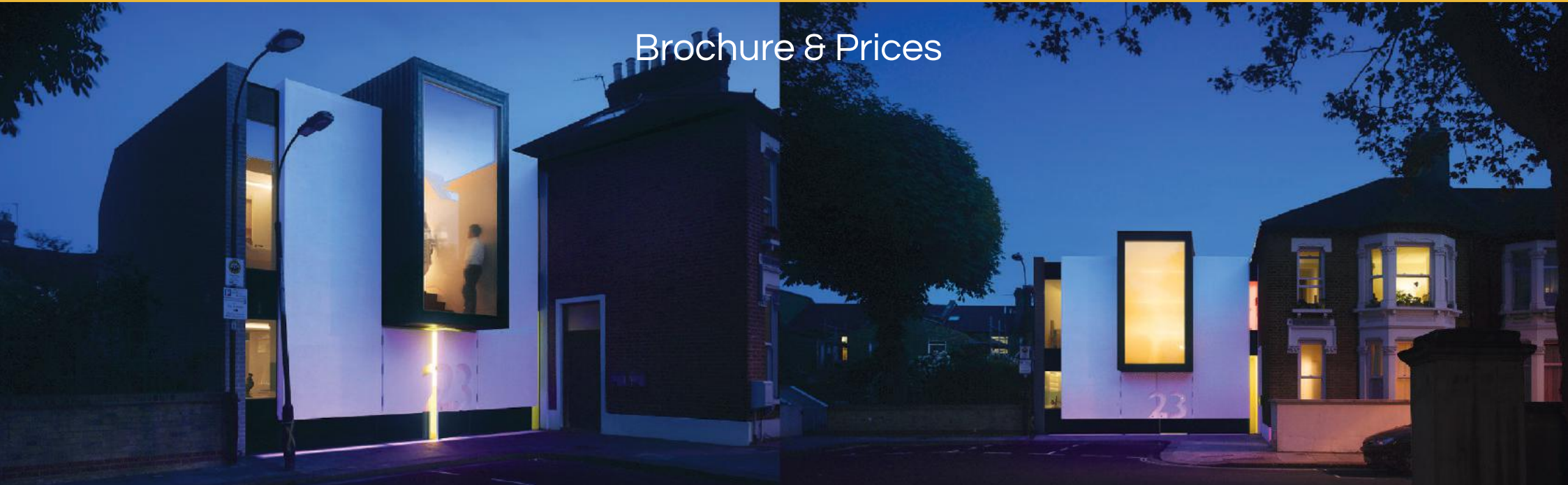




SMART PRIVACY GLASS

X A N D E R P R E S T I G E

Brochure & Prices





ABOUT US

We are UK based global manufacturers of our
Smart privacy I-GLASS™ & I-FILM™.

Our incredible smart glass & smart film technology is now used in over 100 countries and we are renowned for our high quality systems offering the 'clearest' smart glass & smart film on the planet!

All our products are manufactured in the UK and with our fast lead times, bespoke sizes and expert team of I-FILM™ installers we are very high in demand. Our prestigious clients include Harrods, Rolls Royce, Coca-Cola, Disney, The Oscars and many more.






CLEAR2FROST™
Smart Glass & Smart Film



CONTENTS

INTERACTIVE CONTENTS LSIT	
CLICK TO VIEW PAGE 	Page
The Technology	5
Our Products	
I-FILM™	6
I-GLASS TOUGHENED™	8
I-GLASS DOUBLE GLAZED™	10
I-GLASS LAMINATED™	12
I-GLASS COLOUR™	14
I-BI-FOLDING DOORS™	16
I-VISION PANELS™	22
I-ACCESSORIES™	24
Prices	
I-FILM™	18
I-GLASS TOUGHENED™	19
I-GLASS DOUBLE GLAZED™	20
I-GLASS LAMINATED™	21
I-VISION PANELS™	23
I-ACCESSORIES™	25
SAMPLES	27



THE TECHNOLOGY

The technology behind our I-GLASS™ and I-FILM™ - polymer dispersed liquid crystal (PDLC).

It relies on dispersing a fine layer of delicate liquid crystals between two electrically-conductive polymer sheets.

Achieving consistency in the manufacture of switchable PDLC glass and film is both a science and an art.

We are now in the 4th generation of our innovative PDLC switchable I-GLASS™ and I-FILM™ technology.

Each generation has improved the technology in a number of ways: higher clarity, faster switching, improved reliability, greater consistency and purer crystal dispersion.

By applying an electrical current to the glass or film it can switch from clear (transparent) to frosted (opaque) and be used for a number of different applications including privacy, security and visual display.





SMART I-FILM™ -

SMART I-FILM™ Simply stick to your existing glass!

Also known as Smart Film, Switchable Film, Switchable Glass Film, Privacy Window Film, LCD Film, Electric Window Film, Electrochromic Film, Intelligent Film and Electric I-FILM™ for countless applications for privacy and UV protection

Our new self-adhesive SMART I-FILM™ can manage transparency instantly in response to user demand for seclusion, privacy or confidentiality without compromising light transmission.

Simply switch the SMART I-FILM™ “on” for transparent glass and “off” for private glass within one second by a power switch.

Our self-adhesive I-FILM™ is a liquid crystal film allowing immediate switching from clear to private.

Perfect for:

- ⏻ INTERNAL PARTITIONS
- ⏻ GLASS THAT WILL NOT GET WET
- ⏻ WINDOWS
- ⏻ DOORS
- ⏻ OFFICE GLASS WALLS
- ⏻ ROOFLIGHTS
- ⏻ CONSERVATORIES
- ⏻ MEETING ROOMS
- ⏻ SHOPFRONT WINDOWS
- ⏻ EXAMINATION ROOMS
- ⏻ ENSUITE BATHROOMS

I-GLASS TOUGHENED™



I-GLASS TOUGHENED™

I-GLASS TOUGHENED™ -

Our I-GLASS™ TOUGHENED tends to be our most popular option worldwide offering a cost effective solution where the liquid crystal Switchable layer is coated down directly to glass. Switchable Glass windows, also known as Smart Glass, switches from frosted to clear at the flick of a switch.

This means that the switchable coating can be simply applied to any type or thickness of glass creating a solution with optimum clarity and performance. Another major factor is a reduction in manufacturing lead-time, making it the ideal choice for all time critical projects.

Our standard switchable smart glass (single glazed) uses toughened/tempered glass in thicknesses 10mm and 12mm.

A simple ON-OFF mode switches the glass from being clear (transparent) to frosted (opaque). In its frosted state the film acts as an electronic blind providing privacy and security for any glass, window or partition.

Larger sizes and custom shapes are also available. Multiple panels can be joined together to create large switchable glazed walls or partitions.

Perfect for:

-  PRIVACY / SECURITY GLASS
-  GLASS WALLS / PARTITIONS
-  VISION PANELS / DOORS
-  TV/ VIDEO/PRESENTATION SCREENS
-  FURNITURE DISPLAYS
-  INTERNAL PARTITIONS
-  MEETING ROOMS / OFFICES



I-GLASS DOUBLE GLAZED™



I-GLASS DOUBLE GLAZED™

I-GLASS DOUBLE GLAZED™ -

The latest generation of I-GLASS DOUBLE GLAZED™ smart glass panels combines the benefits of improved thermal performance with the immediate control over privacy/security.

This durable solid state technology replaces the need for old fashioned blinds or curtains offering greater control and comfort within any room. The (PDLC) switchable layer is coated down on the inner surface of one panel of glass, then this is combined with a second panel of glass to form a sealed unit.


Our switchable DGU/IGU panels utilise a warm edge spacer bar with an argon filled air gap in between to offer greater insulation and performance. Depending upon the customer requirements we offer a variety of glass options e.g. low iron, low E coatings to provide the most efficient DGU/IGU panels on the market today.

A simple ON - OFF mode switches the glass from being clear (transparent) to frosted (opaque). Three standard panel thicknesses are available 18mm, 24mm and 28mm (custom sizes upon request). This product is simple to install just like any standard double glazed sealed unit.

Enjoy the benefits of insulated glass making your room warmer in the winter and cooler in the summer.

This energy saving product is completely solid state requiring no maintenance or special cleaning requirements. Imagine living in a world which offers you complete control over your comfort/privacy/security all at the flick of a switch.

Perfect for:

-  EXTERNAL WINDOWS
-  ROOFLIGHTS
-  PRIVACY / SECURITY PANELS
-  PARTITIONS
-  PRESENTATION DISPLAYS
-  SHOP WINDOWS
-  OFFICES / MEETING ROOMS
-  DOORS



I-GLASS LAMINATED™



I-GLASS LAMINATED™

I-GLASS LAMINATED™ -

The latest generation of I-GLASS LAMINATED™ offers greater safety and security in both the workplace and the home.

Our unique manufacturing process means that our laminated smart glass panels provide superior performance and clarity, compared to other switchable glass products in the market.









The seamless nature of laminate glass means that panels can be positioned side by side (glass to glass) without the need for any vertical frames.

This makes switchable laminate glass the ideal choice for glass walls and partitions, creating a very minimal and contemporary look. The switchable film is protected, being bonded between two sheets of glass, which makes laminate glass a safer product and more durable in certain applications - high traffic areas, bathrooms, hospitals, clean rooms etc.

This durable solid state technology replaces the need for old fashioned blinds or curtains offering greater control and comfort within any room.

A simple ON - OFF mode switches the glass from being clear (transparent) to frosted (opaque). Two standard glass thicknesses are available 14mm and 12mm (custom sizes upon request). Other options include low iron glass, toughened glass, bulletproof glass and light weight scratch resistant polycarbonate panels.

Perfect for:

-  BATHROOM WALLS & DOORS
-  SHOWER SCREENS & SURROUNDS
-  MEETING ROOMS / OFFICES
-  PARTITIONS
-  SECURITY SCREENS
-  HIGH TRAFFIC AREAS / CLEAN ROOMS
-  INFORMATION WINDOWS / COUNTERS
-  PRIVACY / SECURITY GLASS



I-GLASS COLOUR™



I-GLASS COLOUR™

I-GLASS COLOUR™ -

Sometimes you might wish to add a little colour to I-GLASS™, whether to tie in with a corporate brand, an interior design theme, or a darker tint to provide more shade.

We have developed a number of manufacturing processes to add colour to switchable glass, including laminating with a colour resin or applying special transparent coloured films.









We simply create our I-GLASS COLOUR by creating one 'tinted' pane of glass, then the I-FILM™ and then another clear pane of glass.

THIS MEANS THAT EVEN WHEN THE GLASS IS IN THE CLEAR STATE THE TINT WILL REMAIN.

Coloured finishes are available on all our I-GLASS™ products from toughened panels to double glazing.

Prices start from £ 750 + VAT per square metre.

Perfect for:

-  BATHROOM WALLS & DOORS
-  SHOWER SCREENS & SURROUNDS
-  MEETING ROOMS / OFFICES
-  PARTITIONS
-  SECURITY SCREENS
-  HIGH TRAFFIC AREAS / CLEAN ROOMS
-  INFORMATION WINDOWS / COUNTERS
-  PRIVACY / SECURITY GLASS

 I-BI-FOLDING DOORS™



I-BI-FOLDING DOORS™

I-BI-FOLDING DOORS™ -

We offer supply and installation of our complete electric privacy I-GLASS DOUBLE GLAZED™ 28mm argon filled folding door systems for your home or business.

The system can be used in domestic applications as either an alternative to sliding doors, or to open up an entire wall as part of a conservatory; the system will make the most of a beautiful view or bring a garden into the home with instant total privacy when you need it!

Used commercially in a bar, café or restaurant, the I-GLASS™ FOLDING DOOR SYSTEM can create a glazed screen that allows in the maximum ingress of light in inclement weather, and will also easily glide to open up an entire wall in warmer weather whilst giving you 99.9% UV ray protection in the clear and private mode and blocking sun glare in the private mode if you want to relax still letting in natural light, but without unwanted glare.

We offer a choice of door opening configurations to suit any application.

Prices from £14,995 +
VAT

Choose to fold the sashes internally or externally, place the opening at the side so the sashes all fold one way, at one end, to create a single entrance door for easy access, or in the middle to give the option of a double door.

All our profiles feature a polyamide thermal break that enhances the thermal performance of the profile and improves the overall U-Value. Profiles feature EPDM high quality gaskets and weather brushes to aid weather resistance.

Our stylish I-REMOTE™ with a wall magnet for when not in use can switch the glass from up to 10 metres away. In the private mode you can even HD rear project movies and images to impress your guests!

Our system complies with the requirements of Building Regulations Document L 2010. Security is assured by multi-point lock mechanisms on main opening sashes, and shoot-bolt locking on floating mullions.

All our doors have the option of either low thresholds for unimpeded, easy access, or rebated thresholds that offer improved weather resistance. The doors are available in a choice of standard or non-standard colours, including metallic, wood-structure, dual colour and the unique Sensations range of textured finishes.



PRICES: I-FILM™

Our latest generation of I-FILM™ provides a simple and cost-effective alternative to competing switchable glass technologies. It is manufactured with a self-adhesive cling layer, making it easy to apply to existing glass or plexiglass surfaces.

A simple on/off switch supplies current to the film, instantly transforming it from frosted (off) to clear (on). In its frosted state the film diffuses light evenly, offering complete privacy. It can also be used as a high-definition rear projection surface.

A truly innovative product that brings the wow factor of switchable glass into your home or business.

I-FILM™ WIDTH	£ GBP per linear metre Price
200mm	£ 325 + VAT
300mm	£ 350 + VAT
400mm	£ 400 + VAT
500mm	£ 435 + VAT
600mm	£ 475 + VAT
700mm	£ 535 + VAT
1000mm	£ 550 + VAT
1200mm	£ 625 + VAT

Custom sizes available on request

Full sheet sizes available: 1,000mm x 3,000mm & 1,200mm x 3,000mm

Non-adhesive film available on request for glass processing and lamination purposes

Installation costs added bespoke per project



PRICES: I-GLASS TOUGHENED™

A special UV bonding process coats down our switchable film to a single layer of toughened glass, creating a switchable glass panel of exceptional clarity and quality. This process also reduces production lead times, helping you to deliver switchable glass projects to tighter deadlines.

Perfect for providing privacy in offices, meeting rooms, hotels, retail stores and leisure facilities, plus it acts as a high definition projection surface in its frosted state too.

Glass Width	10mm Toughened	12mm Toughened
200mm	£ 350 + VAT	£ 355 + VAT
300mm	£ 400 + VAT	£ 408 + VAT
400mm	£ 450 + VAT	£ 460 + VAT
500mm	£ 500 + VAT	£ 512 + VAT
600mm	£ 550 + VAT	£ 565 + VAT
700mm	£ 600 + VAT	£ 617 + VAT
1,000mm	£ 650 + VAT	£ 674+ VAT
1,200mm	£ 750 + VAT	£ 779 + VAT
1,500mm	£ 925 + VAT	£ 961 + VAT

£ GBP per linear metre

Custom sizes available

Handling charge for film joints on panel: £150 per metre

7.5% surcharge for low iron glass

Please contact us for pricing on specialist glass: holes, shapes, etc

Installation costs added bespoke per project



PRICES: I-GLASS DOUBLE GLAZED™

Our custom-built double glazed units combine the wow factor of I-GLASS™ with the thermal and sound insulating benefits of double glazing. I-GLASS™ glazing removes the need for blinds and curtains for a more streamlined look, with improved hygiene and reduced cleaning and maintenance.

Perfect for the home, exceptional in commercial, retail, leisure and medical installations.

Glass width	Double glazed unit ¹
200mm	£ 400 + VAT
300mm	£ 475 + VAT
400mm	£ 625+ VAT
500mm	£ 625 + VAT
600mm	£ 700 + VAT
700mm	£ 750+ VAT
1,000mm	£ 800+ VAT
1,200mm	£ 925 + VAT
1,500mm	£ 1 150+VAT

£ GBP per linear metre

1. Available in standard thicknesses of 18mm, 24mm or 28mm

Custom sizes available

Handling charge for film joints on panel: £150 per metre

7.5% surcharge for energy efficient glass (Low E)

Please contact us for pricing on specialist glass: holes, shapes, coloured spacers, etc

Installation costs added bespoke per project



PRICES: I-GLASS LAMINATED™

For greater security and durability in both the home and commercial sectors, our laminated switchable glass offers a seamless, contemporary look with the wow factor of instantly switchable privacy.

Perfect for high traffic areas, including wet area applications such as shower cubicles, treatment rooms, bathrooms and spas.

Glass width	Standard laminate ¹
200mm	£ 375 + VAT
300mm	£ 450 + VAT
400mm	£ 525 + VAT
500mm	£ 575+ VAT
600mm	£ 650 + VAT
700mm	£ 700 + VAT
1,000mm	£ 750+ VAT
1,200mm	£ 875 + VAT
1,500mm	1075+ VAT

£ GBP per linear metre

¹ Available in standard thicknesses of 12mm or 14mm

Custom sizes available

Handling charge for film joints on panel: £150 per metre

7.5% surcharge for low iron glass

Please contact us for pricing on specialist glass: holes, shapes, etc

Installation costs added bespoke per project



I-VISION PANELS™



PRICES: I-VISION PANELS™

Powered by a replaceable battery pack, and built directly into the door, our fire-rated I-VISION PANELS™ work independently of mains power. This gives excellent flexibility and little or no disruption during installation.

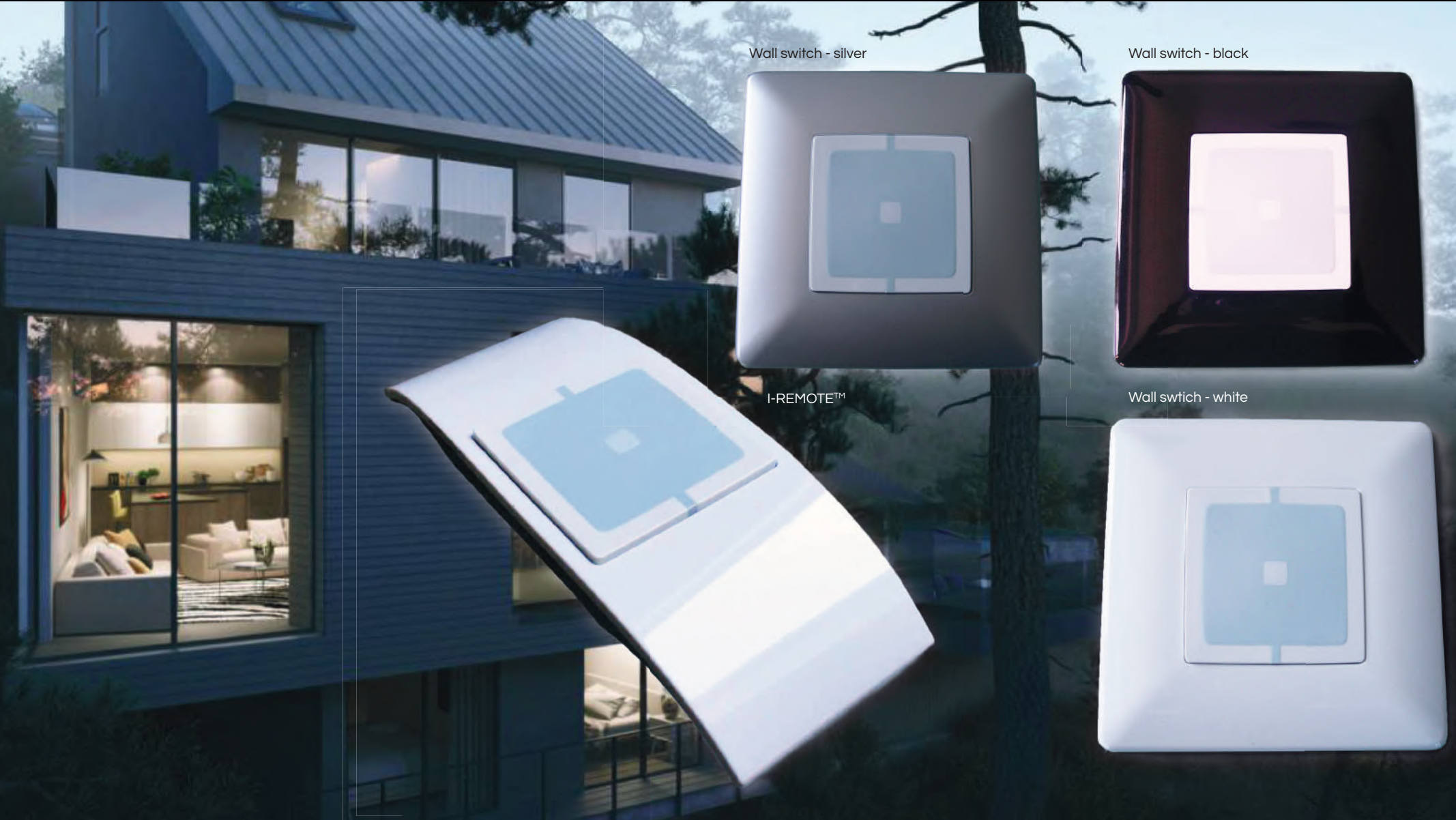
In its frosted, unpowered state the panel acts as an opaque blind, giving the room complete privacy. While the button is pressed, the film becomes clear, allowing the room to be checked without needing to open the door or disturb the occupants.

I-VISION PANELS™ are a next generation solution to blinds and shutters, with applications in homes, offices, schools, hospitals, clinics, boats and more.

I-VISION PANEL™ size	Price
300mm x 300mm	£ POA
500mm x 500mm	£ POA
400mm x 600mm	£ POA
250mm x 1,500mm	£ POA
250mm x 800mm	£ POA
250mm x 500mm	£ POA
250mm x 500mm (x2)	£ POA
300mm diameter circle	£ POA
500mm diameter circle	£ POA

Custom sizes available
7.5% surcharge for low iron glass





Wall switch - silver

Wall switch - black

I-REMOTE™

Wall switch - white



PRICES: I-ACCESSORIES™

I-GLASS™ and I-FILM™ is operated via a low-voltage electrical switch and is powered by a step-down power transformer. We offer both a hand-held remote and wall switch solution for your I-GLASS™ products, plus a range of CE marked transformers rated to match your specific installation requirements.

I-ACCESSORY	Per panel
Power Transformer 110V - 240V	£ 199 + VAT
I-REMOTE™ Remote Control & Receiver	£ 250 + VAT
Wall Switches (black, white or silver)	£ 250 + VAT
Dow Corning Silicone (AS 7096N)	£ 25 + VAT
I-FILM™ Installation Kit	£ 99 + VAT
INCLUDED: 5 pairs of nitrile gloves, hand rubber roller, soft-edge squeegee, 10-pack of IPA wipes and Dow Corning Silicone	



SAMPLES



PRICES: SAMPLES

Our A4 sized sample pieces are an ideal way for you to try out our incredible technology before you commit to fulfilling an order for a larger project.



SAMPLES	Price
A4 I-FILM™ sample	£180+VAT
A4 I-GLASS&FILM sample	£ 275+ VAT




CLICK TO ORDER YOUR SAMPLE NOW!



GLOBAL DELIVERY




 Contact us

 0203 6000 345

 Sales@SmartPrivacyGlass.co.uk

 www.SmartPrivacyGlass.co.uk

 THE SHARD, 32 London Bridge St, London, SE1 9SG



[CLICK HERE FOR A FREE QUOTE](#)



SMART PRIVACY GLASS

X A N D E R P R E S T I G E