



Privetek[®]

The specialist in switchable glass

Unparalleled experience, world-class quality, and a specialist team – get the exact solution you need.

The Privetek[®] Difference

We've been delivering switchable glass solutions, for projects large and small, for more than 12 years. Unparalleled experience, world-class quality, and a specialist team – all to ensure you get the exact solution you need.



Unparalleled quality

The proven, established specialist.



Full technical assistance

From concept to installation.



Made-to-order

Exactly what you need.



Outreach

Mumbai, Pune, New Delhi, Gurgaon, Noida, Ahmedabad, Surat, Telangana, Karnataka and Chennai.



5-year Warranty

Our name on every unit.

Global capability

The Ultimate Productivity Canvas

12

States in which you'll find Privetek[®] solutions.

2,50,000

Square feet of smart glass installed across India, UAE and Middle East

350+

Projects delivered, across India, UAE and Middle East.

50,000

Square feet Specialist production facility in Mumbai



UNPARALLELED QUALITY

From the proven, established specialist.

- ✓ Process our own glass and craft each unit in our purpose-built facility.
- ✓ Premium materials, expert processing and rigorous quality control.
- ✓ Every aspect under our control so that we can deliver on our promises.

“ Privetek Smart Glass provided the ideal solution – excellent quality and perfect privacy at the flip of a switch.

Mr. Mahendra Mehta - Managing Director,
Parle Global Technologies Ltd.

FULL TECHNICAL ASSISTANCE & SUPPORT

From concept to installation.

- ✓ We deliver solutions – with the specialist guidance, support and back-up you need.
- ✓ No matter the location, complexity or scale of your project – we'll deliver the switchable glass solution you can trust.

“ Extremely proactive company, never fail to impress on design and delivery. Their flexible approach and acute attention to detail helps us deliver projects without compromise.

Mr. Amit Sheth. Managing Director,
Focus Lighting and Fixtures Ltd.



DESIGNED & MADE-TO-ORDER

Exactly what you need.

- ✓ We'll examine your project and guide the specification as needed.
- ✓ We control the full process from start to finish and can easily tailor to your unique needs.

“ Privetek® Smart Glass is an extraordinary partition system. A unique product that solves a wide range of design issues.

Gauri Shah. Founder
- Facilis Architects.

Retrofit Privacy Smart Films

A unique solution to convert your existing glass partition to a smart glass partition



Retrofit smart film options

- Custom Sizes
- Maximum Sizes 1.5 x 3.6 meter.
- Minimum Sizes 200mm x 200mm.
- Power Consumption 5Watts / m²
- 91% total light transmit terce.
- 2.5% Haze.
- 99.5% UV Block.
- Switch speed : 0.5 seconds.
- 2 Year Warranty



Switchable privacy films for existing glass

Your existing glass can now be converted to a switchable privacy glass with our switchable self-adhesive films. These films have the same switchable properties as our laminated privacy glass and can be easily installed by our expert team.



Benefits

Save costs on costly glass replacements

Privetek® switchable films can be easily installed on existing glass surfaces saving you expensive glass replacement costs.

Get rid of unhygienic blinds

The Vertical or horizontal blinds typically found in offices are not only difficult to clean but are also breeding grounds for bacteria, dust, and grime. Privetek switchable films allow you to have complete privacy without compromising on your aesthetics or cleanliness.

Privacy Smart Glass

Unparalleled quality, delivered globally, from the specialists in switchable glass.



Privacy smart glass product options

- Custom Sizes
- Maximum Sizes : 1.5 x 3.6 meter.
- Minimum Sizes: 200mm x 200mm.
- Power Consumption 5Watts / m²
- Glass type - Ultra clear tempered lamination.
- Glass thickness : 10mm, 12mm and 13.5mm.
- Switch speed : 0.5 seconds at room temperature.
- 99.5% UV block.
- Glass thickness / decibel rating
10mm / 35 db, 12mm / 37 db and 13.5mm / 39 db.



Superior clarity, exceptional performance, easy maintenance

Low iron, premium float glass and premium, German made, Hybrid EVA for greater clarity and stability. With the world's most advanced Polymer Dispersed Liquid Crystal (PDLC) for reliable, consistent performance.



Finest manufacturer & finish

All glass are processed and finished in-house using the latest machines and furnaces. Assembled in a climate-controlled, clean room environment. All glass tempered and polished as standard. Precision packed for global shipping.



Reliable, consistent operation

Every unit is subjected to a rigorous set of quality checks including extensive, automated, electrical tests to ensure reliable, consistent operation. Our advanced electrical controllers deliver the highest level of clarity and provide for several fail safes that can automatically shut down and protect the product, prolonging product lifespan.



Exceptional UV block

Privetek® smart glass provides up to 99.5% protection from damaging UV rays.



Longer life

Our raw materials, processing, finishing, testing and electrical controllers provide a higher quality, more stable, longer lasting product – the reason we can offer our comprehensive 5-year warranty.

Retrofit Smart Films

Vs

Privacy Smart Glass

- Externally applied on glass surface.
- Film exposed to external conditions like humidity.
- Chances of delamination and damage due to several reasons like equipment movement, cleaning methods.
- The electrical contacts on the film are exposed to humidity / condensation.
- Non washable. Only for dry areas as surface and electrical contacts are exposed.
- Shorter life span and limited 2 years warranty.

- Laminated between two glasses.
- Completely air tight as film is fully sealed within glass.
- No chance of any damage to the pdlc interlayer.
- The electrical contacts on the pdlc are fully secured between two glasses.
- Waterproof. Glass surface can be cleaned using conventional cleaners or water.
- Longer life span and 5 years warranty on film performance and 10 years warranty against delamination of glass.

Privetek[®] EOP-LCG[®] Technology

The only outdoor grade performance Smart Glass product in India

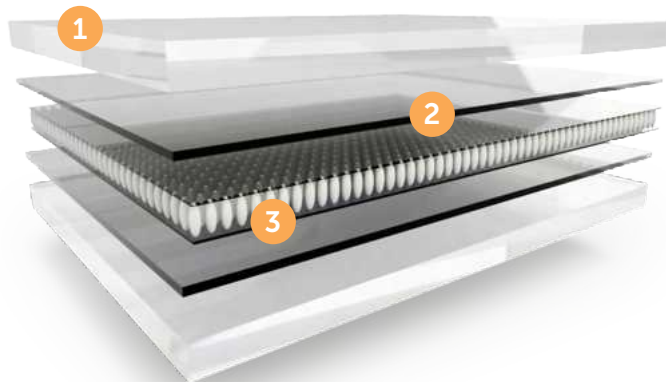
Extended Outdoor Performance LCG[®](EOP-LCG[®]) is an outdoor grade product suitable for exterior use maintaining switching in temperatures of -20°C to +90°C.

This product is ideal for operating in extreme conditions, maintaining durability when exposed to high humidity, UV, IR and a wide range of temperatures. This should be chosen when solar performance is not a requirement.

EOP-LCG[®] opens new possibilities for previously constrained PDLC uses. In addition to operating in a wide range of fluctuating temperatures typical for outdoor conditions, this can also be used in indoor applications such as saunas and consumer appliances.

Product Colors:

- White (Exterior)



1. Glass
2. Adhesive Interlayer
3. LC Film with PET/ITO

Specifications:

White EOP

Grey EOP

Film Optical Performance				
Attribute	OFF	ON ₁	OFF	ON ₁
Parallel Light Transmittance	3.3%	75%	2.20%	45%
VLT (Total Transmittance)	64%	80%	40%	47%
Haze (ON) ₂	3.0%		3.5%	
Color Grade	L* = 76.06		L* = 75.86	
	a* = 1.05		a* = -1.01	
	b* = 9.46		b* = 8.77	
Film Technical Properties				
Switching Time	5ms			
Operating Temperature	-20°C to +90°C			
Power Consumption	1-3W/m ²			
Film Thickness ₃	375μ			
Maximum Width(mm) ₄	1800		1500	
Cut-to-Fit	Custom Sizes, Shapes, Busbar Position; Holes and Notches			
Glass Types	Annealed, Tempered, Clear, Low Iron/Ultra Clear, IG Units, Other			
Patterning Available	Yes			
Interlayer Compatibility	PVB, EVA, TPU			
Storage Conditions	-20°C to +60°C, <50% Humidity			
Grade	Exterior			
Electrical Performance				
Controller Types	DUO Mini, Flex, Multiplex, Custom			
Operating Modes	Fade, ON/OFF, Dimming			
Operating Voltage	42-70VAC			
Operating Frequency	25,32,50Hz			

1 Optical Performance measured using square wave signals provided by Gauzy PDLC Controllers

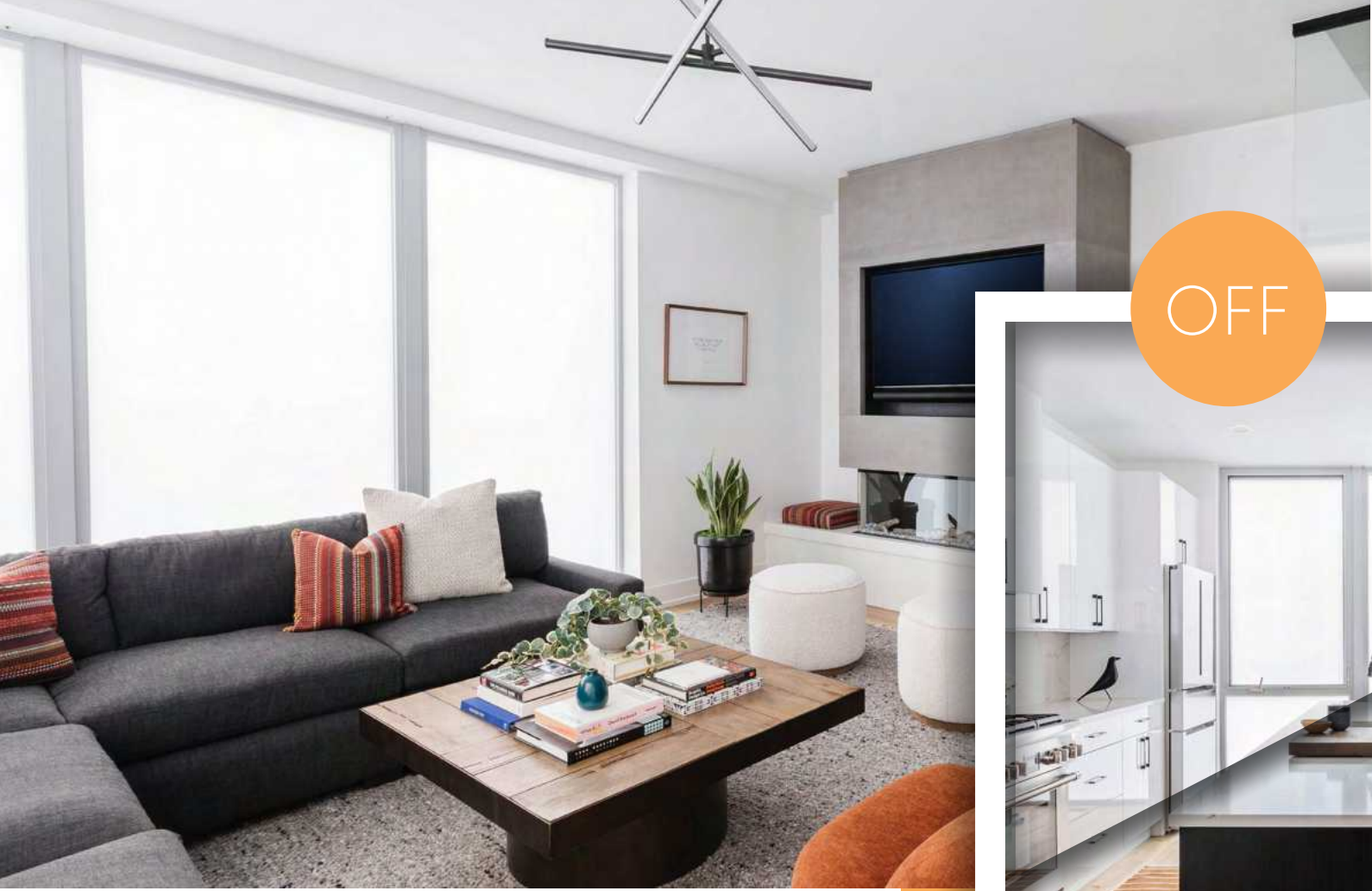
2 Haze tested on 'haze-gard i', by BYK. Laminated with PVB. Haze may vary based on interlayer.

3 Film thickness may vary

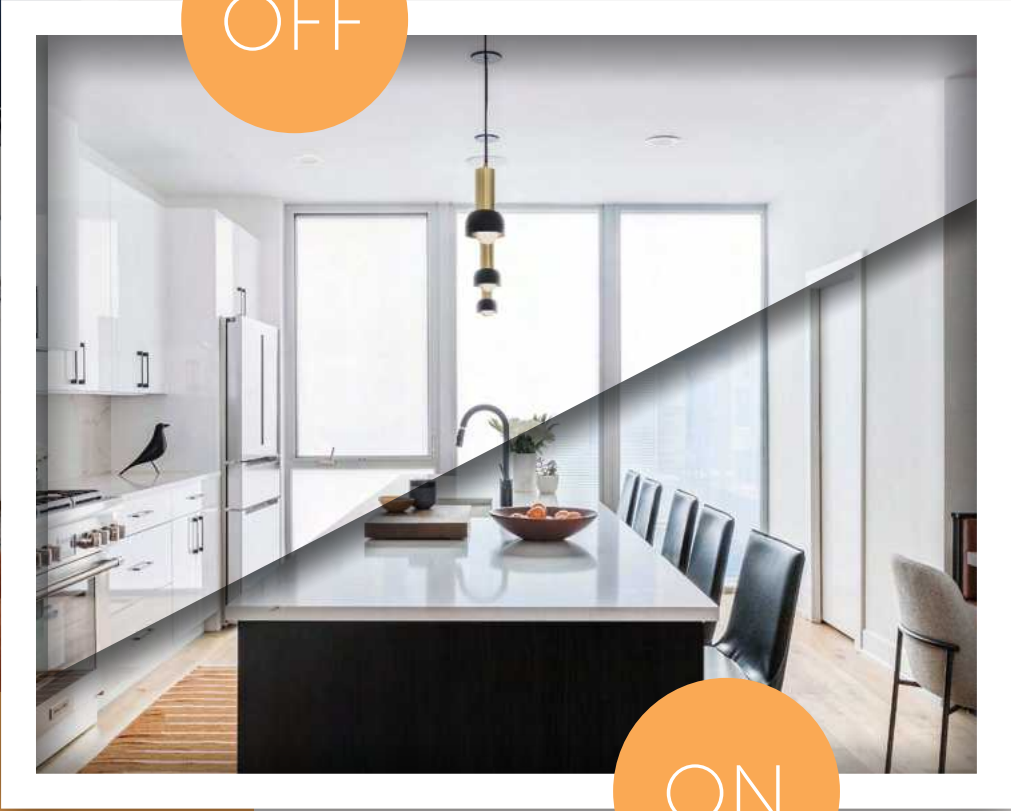
4 Films can be ordered in rolls or cut-to-fit sheets at any length

* Results reported for Indoor at 25°C; HT at 80°C.

Privetek® EOP-LCG® Technology



OFF



ON

ABOUT

The specialist in switchable glass since 2013

Unparalleled experience, world-class quality, and a specialist team.

We control every aspect of our manufacturing – to ensure we deliver a quality, made-to-order solution you can trust. All our glass is processed and finished in-house. We process low iron, premium quality float glass to achieve the highest levels of clarity and consistency. We use only the finest materials, with each unit hand finished and checked, and shipped with our comprehensive 5-year warranty.

OUR CLIENTS INCLUDE



“

Our purpose is to deliver solutions that the world's leading architects, builders and fit-out companies can trust. Uncompromising quality and service, at a competitive price.

Hemal Chheda, Managing Director, Form5 Glass Group



HN RELIANCE HOSPITAL

State-of-the-art Pivetek[®] smart glass ensures patient safety & privacy.



Project Profile

PROJECT

HN Reliance Hospital

LOCATION

Mumbai, India

PRODUCTTYPE

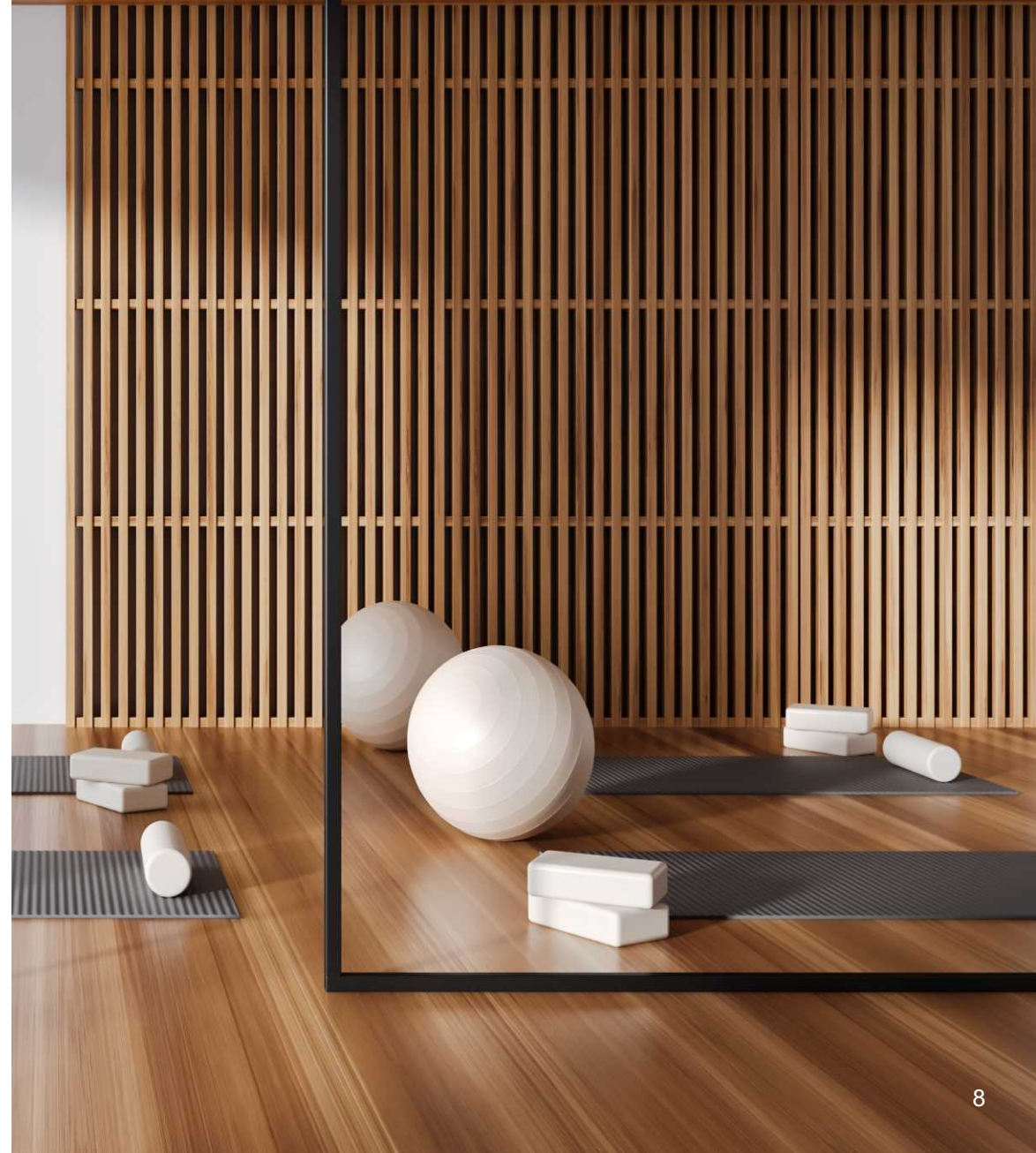
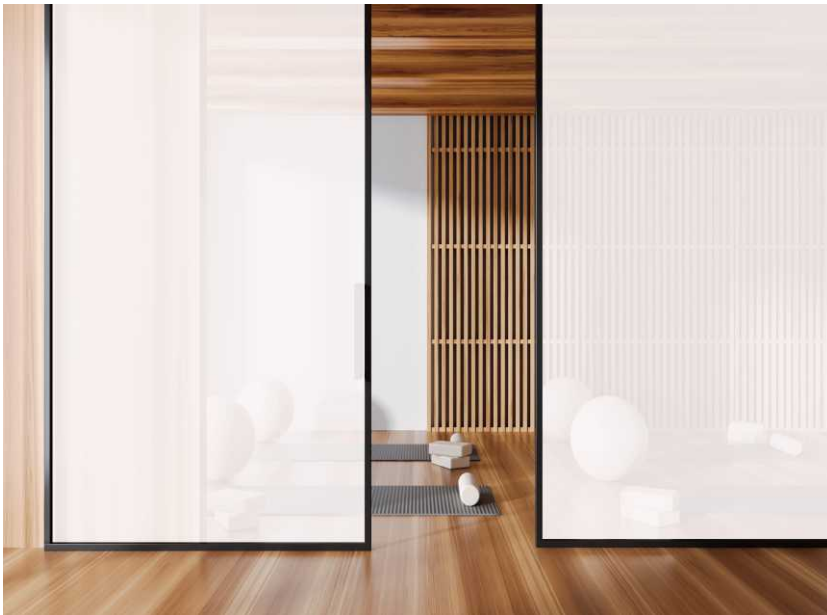
Privacy

SECTOR

Healthcare

PRIVATE RESIDENCE PROJECT

Cinema room Privetek® smart glass in luxury developments.



 Project Profile

PROJECT

Private residence project.

LOCATION

New Delhi, India

PRODUCTTYPE

Privacy

SECTOR

Residential



DUSIT THANI HOTEL

High-end partition wall and a durable alternative to conventional electronic curtain system.



Project Profile

PROJECT

Dusit Thani Hotel

LOCATION

Dubai

PRODUCTTYPE

Privacy

SECTOR

Hospitality



JUPITER MULTI SPECIALY HOSPITAL

Ultra-hygienic induction suite for modern Dental hospital designed to maximise patient comfort and safety.



Project Profile

PROJECT

Jupiter Multi Specialy Hospital

LOCATION

Thane, India

PRODUCTTYPE

Privacy

SECTOR

Healthcare

TRIDENT LAW CORPORATION

Automated sliding for partition for high profile corporate law office in Singapore, maximising city views.



Project Profile

PROJECT

Trident Law Corporation

LOCATION

Singapore

PRODUCTTYPE

Privacy

SECTOR

Commercial





THE SIAM

The Siam Hotel featuring switchable smart glass in luxury en-suite bedrooms.



Project Profile

PROJECT

The Siam

LOCATION

Bangkok, Thailand

PRODUCTTYPE

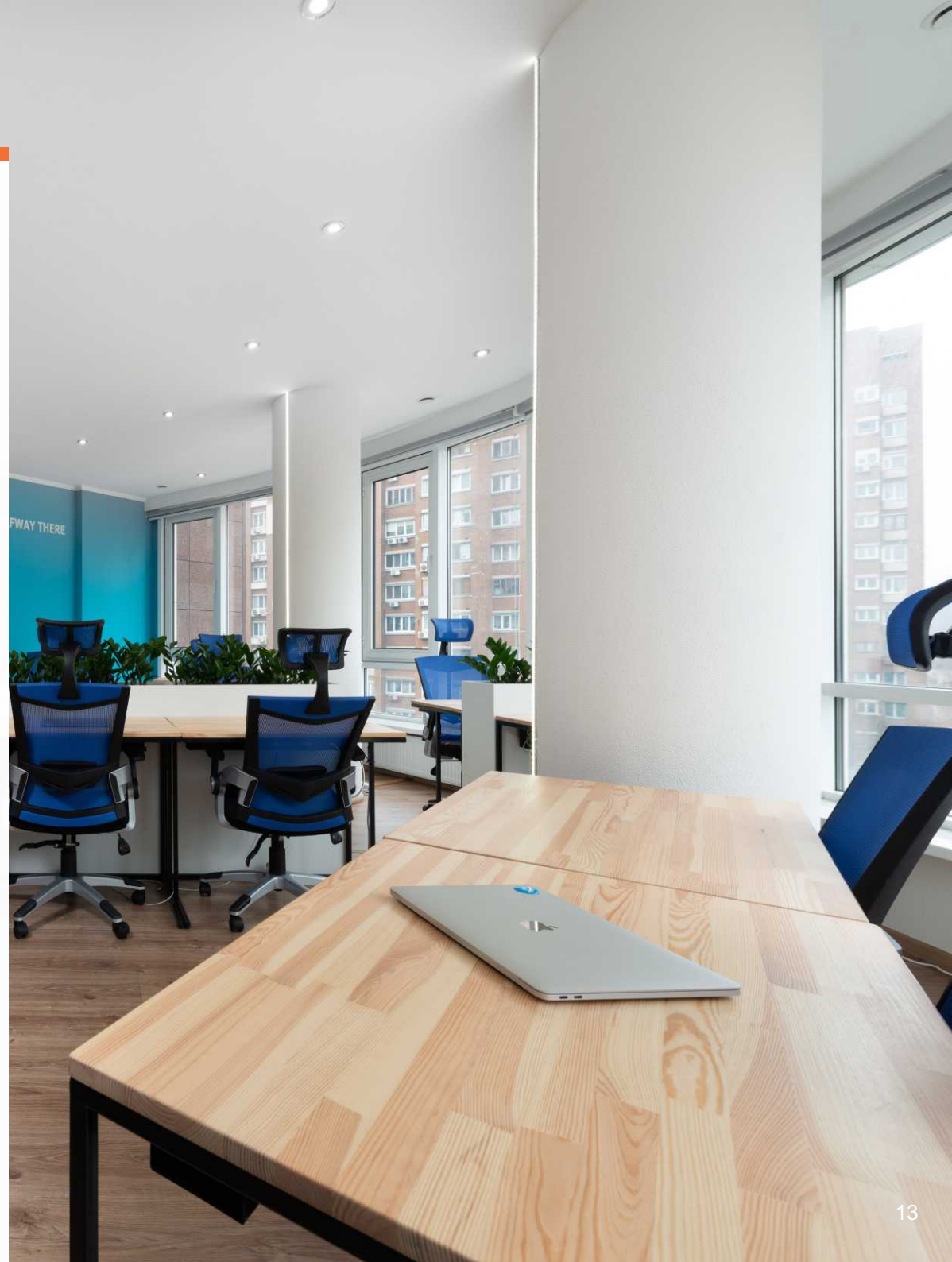
Privacy

SECTOR

Hospitality

PCL MUMBAI

Privetek® smart glass screen for conference room at PCL corporate offices, Mumbai.



Project Profile

PROJECT

PCL Mumbai

LOCATION

Bandra Kurla Complex, Mumbai

PRODUCTTYPE

Privacy

SECTOR

Commercial

Privetek®

The Experts in Switchable Glass Solutions.

HEAD OFFICE:

Form 5 Glass Group

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