

FUTURE

Tomorrow starts today



INTERIORS

CHARACTERIZE MODERN ARCHITECTURE
LIKE NO OTHER



INTERIORS

On average we spend more than 90% of our time indoors, whether at home, office or within the confines of a car, making interior spaces unarguably our greatest connection to architecture.

The benefits of creating light and airy spaces are well known and no other material can meet these criteria better than glass. Our Interiors product series combines the durability and advantages of glass with our time proven thrust for quality and perfection.

Spaces that enthrall

Interior spaces are perhaps the most important architectural element of our daily lives, whether at home or office. It decides how we interpret our environment and even affects our moods and perceptions.

Smartly designed glass interiors create a sense of openness and clarity, with the added functional benefits of being safe, delivering acoustic insulation and providing partial or complete privacy.



FRITVIEW

Ceramic Frit Glass

FRITVIEW is a specialty glass that is made by printing a layer of ceramic-based coating on to the glass surface with a screenprinter, and tempering it thereafter. This can be done in various colours and patterns that can be customized too. The ceramic surface has the energy-saving function of reflecting part of solar heat.

Features and Benefits

- Enamel colours are fused on to the glass making them inseparable.
- Can provide a dual-sided vision allowing different colours to be used on either side of the glass.
- Perfect for use in conference rooms providing neutral view (black finish) from inside and can be customized by colour from outside.

Glass Types	Clear, Low Iron, Tinted
Colours	Basic colours Black/White, Standard colours (Red, Blue, Green, Yellow, Orange, Gray, Brown), Metallic colours (Silver, Gold, Copper), Custom colours (RAL / Pantone colour code)
Designs	Dots / Lines, Custom patterns, Digitally printed concepts
Views	Translucent acid etch effect possible. Frit coverage can be designed based on opacity % needed
Forms	Flat, curved, laminated, heat treated
Fabrication	Can make holes, cutout, simple and complex shapes
Application	Wall cladding, partitions/doors, shop fronts, railings, table tops, windows, glass stairs, handrails, bathrooms, etc.



COLORVIEW

Back Painted Glass

Any form of clear glass that has been painted on the back side. That way, from the front side, the glass is no longer translucent, but instead a solid colour. **COLORVIEW** glass is a modern alternative to other surfacing materials such as tiles and laminates in the world's decorative and architectural industries.

Features and Benefits

Perfect opacity, maintenance free, lifelong durability.

Glass Types	Clear, Low Iron, Etched, Patterned
Colours	Basic colours - Black / White, Standard colours (Red, Blue, Green, Yellow, Orange, Gray), Metallic colours (Silver, Gold, Copper), Custom colours (RAL / Pantone colour code)
Designs	Gradient effect possible. Special effects (sparkle, etc) can be created to enhance the beauty by using multiple colours and techniques
Views	100% opaque
Forms	Flat, curved, annealed, laminated, heat treated (some colours)
Fabrication	Can make holes, cutouts, simple and complex shapes
Application:	Wall cladding, backsplashes, furniture, marker boards, doors, partitions, handrails, glass ceilings, bathrooms, elevator walls and shower enclosures





COREVIEW

Frosted/ Etched Glass

Glass that allows light to pass through but obscures what you can see. It can either be made through sandblasting, fritting or etching.

Features and Benefits

Economical solution to provide privacy where needed. It has the effect of rendering the glass translucent by scattering the light which passes through, thus blurring images while still transmitting light.

Glass Types	Clear, Low Iron, Tinted (Bronze-Warm tone, Grey- Cool tone)
Colours	Clear, Bronze, Grey, Blue, Green, Pink, Black
Designs	Standard etch patterns and gradients possible
Views	Different translucence levels and surface finishes possible
Forms	Flat, curved, annealed, laminated, heat treated
Fabrication	Can make holes, cutout, simple and complex shapes
Application	Wall cladding, backsplashes, furniture, marker boards, indoor wall panels, counter tops, shower walls and artistic glass



VIVIDVIEW

Metal Mesh Laminated Glass

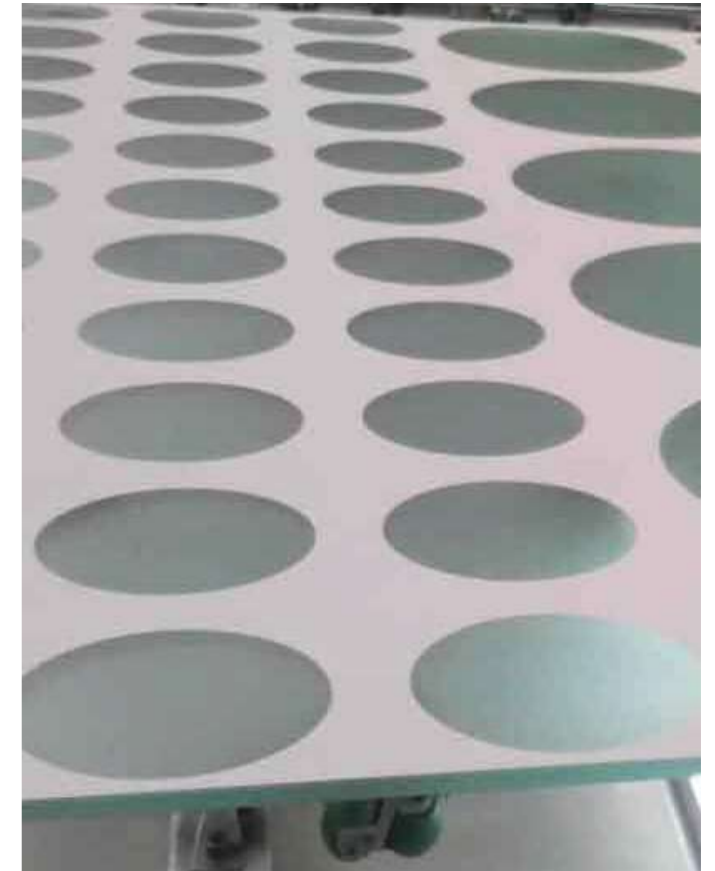
VIVIDVIEW is a metal mesh that is assembled between two or more glass panes and laminated with a compatible interlayer film. This combines the aesthetic value of metals with the security of laminated glass.

Features and Benefits

VIVIDVIEW's gleaming metallic finish adds an unmistakable touch of glass with its soothing glow. Asymmetrical mesh patterns and perforations deflect the light to improve privacy. VIVIDVIEW's proprietary design ensures dual-sided vision effect, so visibility from one side remains unrestricted.

Glass Types	Clear, Low Iron
Colours	Silver, Gold, Copper, Bronze, Titanium and Custom colours
Designs	Custom prints possible on one surface
Views	Mesh with different aperture openings are available to control light passing through. Reflectivity can be provided on request
Forms	Flat, curved, annealed, laminated, heat treated
Fabrication	Can make holes, cutout, simple and complex shapes
Application:	Wall cladding, partitions/doors, shop fronts, railings, decorative elements, bath areas, one-way mirrors, wall decor, salon/shop interiors





CHROMVIEW

Mirror Frit Glass

Glass with a sturdy yet thin metallic coat on one side, that its barely recognisable by touch. The reflective designs are reflective from both sides of the glass.

Features and Benefits

Reflective properties of a mirror combined with durability, safety and corrosion resistance of glass

Glass Types	Clear, Low Iron
Colours	Shades of silver
Designs	Dots / Lines, Custom patterns, Smooth Gradient effect
Views	Light transmission can be controlled in a range of 3%- 65%
Forms	Flat, curved, annealed, laminated, heat treated
Fabrication	Can make holes, cutout, simple shapes
Application	Partitions/doors, furniture, shower cubicles, wall cladding, shop fronts, railings, decorative elements, one-way mirrors, wall decor, salon/shop interiors



MIRRORVIEW

Two-Way Mirror

MIRRORVIEW product segment incorporates Guardian's Dielectric Mirror (DM) to achieve a two-way mirror effect. Guardian Dielectric Mirror (DM) is an advanced coated glass product for dual-function mirror/ TV applications (as well as hidden commercial displays, bathroom TVs, projection screens and electronics). When the TV is switched off, it becomes an aesthetic mirror, adding depth to a room.

Available in two versions: DM 60/40 and DM30/70. DM 60/40 reflects nearly 60% of light and has light transmission of around 40%, allowing the display to become clearly visible when it is switched on - ideal where the mirror function is the key aspect. DM 30/70 reflects nearly 30% of light and has light transmission of around 70%, also allowing the display to become visible when it is switched on.

Features and Benefits

- Allows sharp reflected colours without haze and highest neutrality of transmitted display colours.
- No colour shift in various viewing angles and a very low (<2%) absorption.

Glass Types	Clear, Low Iron
Colours	Neutral
Designs	Not applicable
Views	Not applicable
Forms	Annealed, laminated, heat treated
Fabrication	Can make holes, cutout, simple shapes
Application:	Commercial displays, TV, projection screens, hidden commercial displays





ANTIQVIEW

Antique Mirror

ANTIQVIEW is a vintage style of mirror that often looks rusty or decaying. They're great for adding that homespun feel to an office, bar or restaurant and their versatility means they can be used as a feature piece on a wall, cut into tiles or even just as a more conventional mirror.

Features and Benefits

Achieve antique effects on glass without compromising safety and glass functionality

Glass Types	Clear, Low Iron
Colours	Custom colors
Designs	Artistic designs
Views	100% opaque and reflective
Forms	Annealed, laminated
Fabrication	Can make holes, cutout, simple shapes
Application	Wall cladding, backsplash, furniture



SPECTROVIEW

Colour Laminated Glass

SPECTROVIEW is very similar to clear laminated glass but with the addition of a coloured interlayer. These allow for a rich palette of colour permutation, ranging from subtle transparent and translucent colours to opaque. Our colour laminates are manufactured using float glass as standard although also available in specialist glasses including low iron (crystal clear) and a variety of body tints (blue, bronze and grey). The type and thickness of the glass will have an effect on the colour chosen.

Features and Benefits

Improves aesthetics, controls views, increases safety

Glass Types	Clear, Low Iron
Colours	Basic colours - black / white, standard colours (red, blue, green, yellow, orange, gray, brown), custom colours (RAL/Pantone colour code), dichroic colour tones
Designs	Can achieve designs with a combination of other products
Views	Various translucence levels can be achieved. 100% opacity also possible. Reflectivity possible on request
Forms	Flat, curved, annealed, laminated, heat treated
Fabrication	Can make holes, cutout, simple and complex shapes
Application	Partitions/doors, furniture, shower cubicles, wall cladding, shop fronts, railings, table tops, conference rooms, staircases, exhibition stands, wall decor





CLAROVIEW

Anti-Reflective Glass

CLAROVIEW is a specialised glass product that has been treated to reduce the amount of surface reflection and provides clear, unobstructed views while reducing unwanted glare. Visibility through the glass is maximised, while reflection is minimised. Ideal for any application where excessive glare or reflection creates an obstruction. Regular clear glass has 8% external and internal reflection. The reflected light causes blurring and obstruction to clear views. In luxury showrooms and display units, this reflection inhibits clear viewing of the expensive display items. Claroview, a sophisticated anti-reflective glass, cuts off the residual reflection to less than 0.5% per surface - so you see only what's important!

Features and Benefits

- Reduces reflection to less than 0.5% per surface - that's 8 times clear glass!
- Creates an aesthetically unique and stunning statement - the true mark of luxury.
- Ensures neutral and uniform reflection colour for the best viewing experience.
- Easy to clean with appropriate glass cleaner.
- Durability performance meets ISO standards.

Glass Types	Clear, Low Iron
Colours	Neutral
Designs	Not applicable
Views	Upto 98% light transmission
Forms	Flat, curved, annealed, laminated, heat treated
Fabrication	Can make holes, cutout, simple and complex shapes
Application	Shop fronts, museums, partitions, picture frames, control towers, zoos and aquariums, observation rooms, display windows, restaurants shop fronts, car showrooms, jewellery shops



PRIVYVIEW

Cosmetically Textured Glass (Fluted Glass/ Cast Glass/ Kiln Formed Glass/ Patterned Glass)

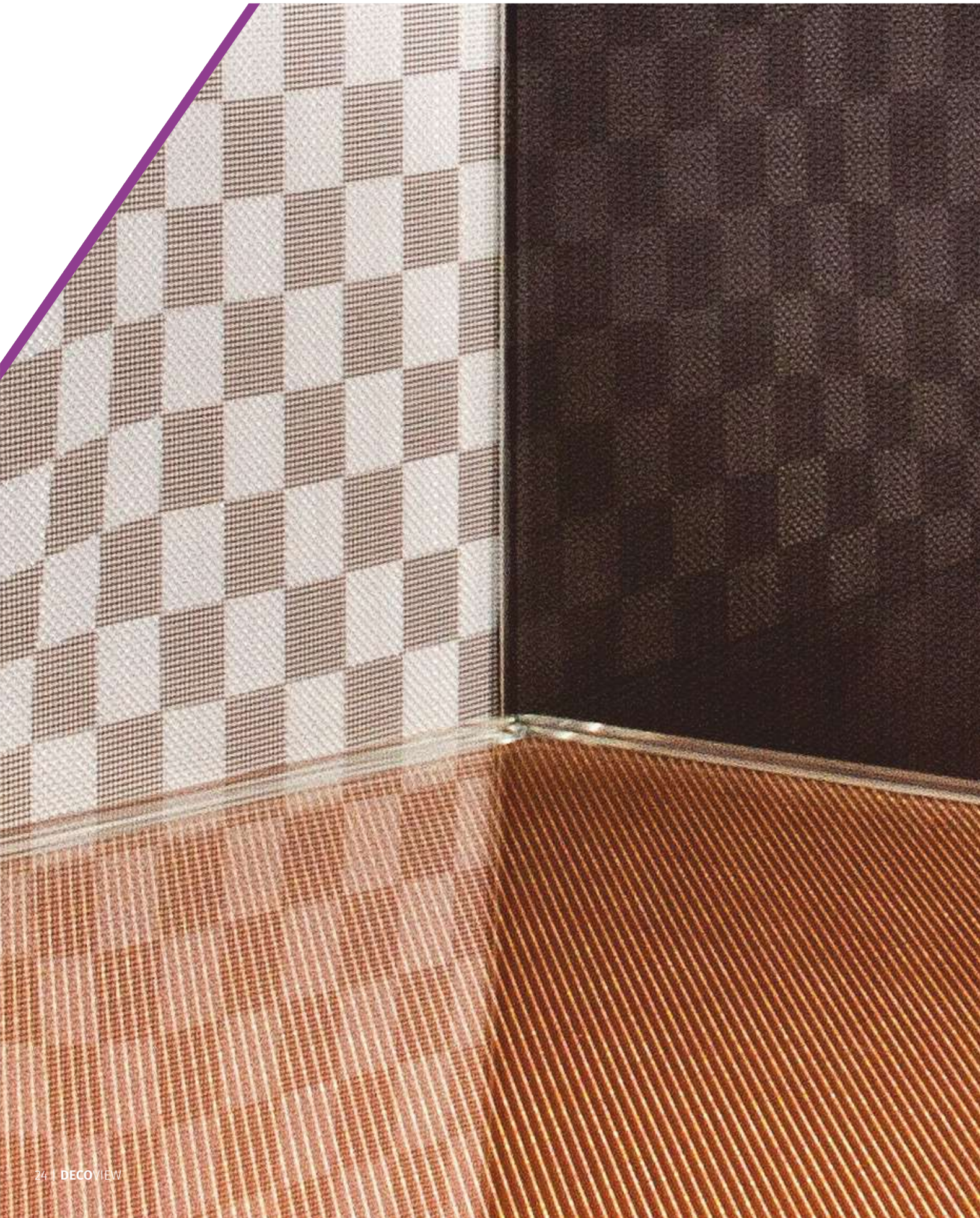
Exquisitely crafted to the finest detail, **PRIVYVIEW** offers architects and interior decorators a wide canvas to design eye-catching textured glass. It is a unique product range that provides privacy along with a myriad set of textures and forms in glass. **PRIVYVIEW** creates a beautiful interplay of light for the perfect look and ambience. Beyond textures and patterns, **PRIVYVIEW** adds visual appeal, richness and utility to architectural spaces. In addition to its aesthetic appeal, **PRIVYVIEW** delivers the functional benefits of safety, security, and thermal and sound insulation.

Features and Benefits

- With a wide range of fluted and reeded patterns in its portfolio among other textures, **PRIVYVIEW** provides architects and interior designers with newer possibilities. .
- Unlike regular glass, **PRIVYVIEW** panels possess textures that can sufficiently obscure visibility based on your needs.
- Helps to reduce glare without impacting the flow of light. Better still, you can view computer screens without having to squint or adjust them at uncomfortable angles.

Glass Types	Clear, Low iron
Colours	Neutral
Designs	Variety of textures and types of products available
Views	Various levels of translucence possible
Forms	Flat, annealed, laminated, double glazed
Fabrication	Can make holes, cutout, simple and complex shapes
Application	Partitions, doors, windows, transoms, furniture





DECOVIEW

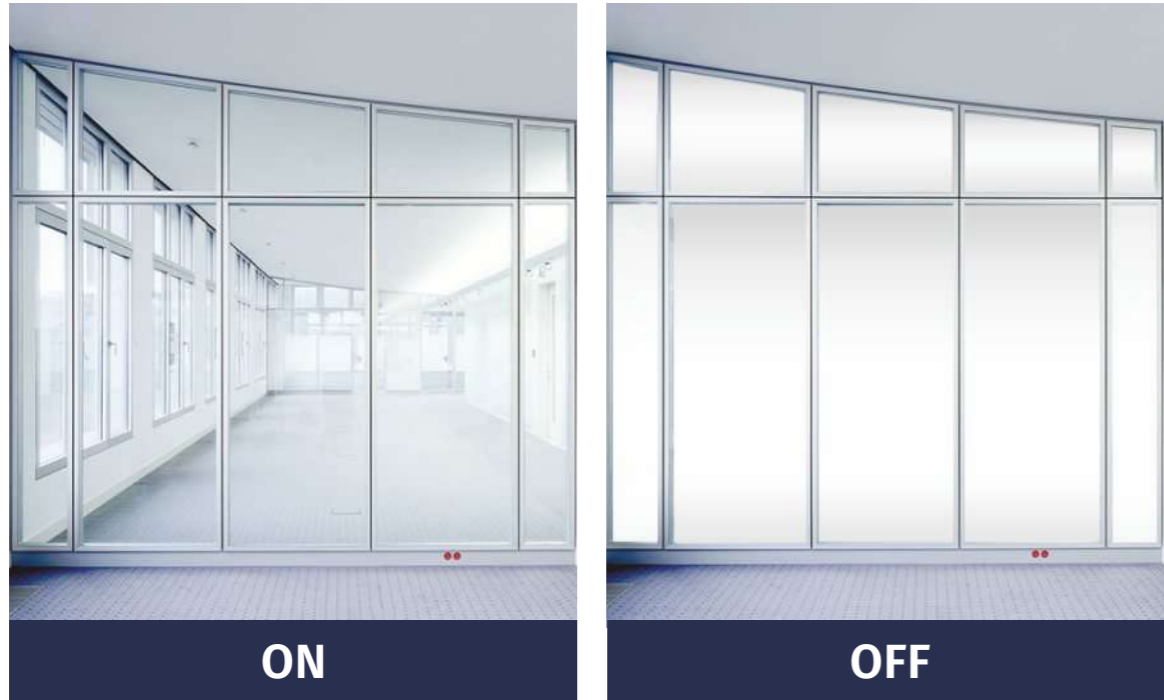
Glass with Decorative Interlayers

DECOVIEW panels consist of an interlayer fused between two pieces of glass with heat, pressure and adhesive material. Using the very latest advancement we are able to produce bespoke laminated glass to fulfil a variety of requirements. **DECOVIEW** includes a high range of fabric, PET, wood or other interlayers.

Features and Benefits

- A durable and versatile glazing material that offers safety and protection.
- Allows you to achieve multiple number of designs, patterns and colours that gives pleasing aesthetics with partial or full privacy.

Glass Types	Clear, Low Iron
Colours	Tinted (bronze-warm tone, grey-cool tone)
Designs	Customizable artistic designs and printed concept
Views	Clear, opaque and partial openings
Forms	Flat, annealed, laminated, heat treated
Fabrication	Can make holes, cutout, simple and complex shapes
Application	Wall decor, tabletops, doors, partitions, railings, restaurant interiors, signages



SWITCHVIEW

Electronically Switchable Glass

The most positive characteristic of glass - its transparency - can also become a weakness when privacy is needed. **SWITCHVIEW** is an innovative glass solution to this problem that turns from transparent to translucent (or visa-versa) at the flick of a switch. Ideal for a wide range of interior as well as exterior products, that eliminates the need for blinds and external sun barriers.

SWITCHVIEW is able to adapt to your requirements aided by Liquid Crystal Layer integrated into a laminated glass panel.

Features and Benefits

- With **SWITCHVIEW** there is no need of blinds or shades, thus providing unobstructed views along with easy maintenance.
- Also has enhanced sound reduction and safety when compared to ordinary glass.
- **SWITCHVIEW** is of great use in conference rooms where it can be used as a projection screen.

Glass Types	Clear, Low Iron
Colours	Neutral, milky white
Designs	Possible to create patterns or zoning effects
Views	Clear, opaque
Forms	Flat, annealed, laminated, heat treated
Fabrication	Can make holes, cutout, simple and complex shapes
Application	Partitions, doors, windows, skylights and projections screens





SILENTVIEW

Acoustic Laminated Glass

SILENTVIEW acoustic laminated safety glass consists of two or more sheets of glass bonded together by one or more acoustic PVB (Polyvinyl butyral) interlayer. When used in the double-glazed form, **SILENTVIEW** considerably reduces noise from outside in commercial or residential buildings located in noisy areas.

Features and Benefits

- Can be used for interior and exterior sound insulation needs.
- Has acoustic laminated glazing that dramatically increases the strength of the glazing, providing additional security as well as improved sound reduction

Glass Types	Clear, low iron, tinted (bronze-warm tone, grey- cool tone)
Colours	Clear, bronze, grey, blue, green, pink, black
Designs	Customizable
Views	Clear, opaque or translucent
Forms	Flat, annealed, curved laminated, heat treated, double glazed
Fabrication	Can make holes, cutout, simple and complex shapes
Application	Conference rooms, airports, partitions, cabins, doctor clinic/hospitals, schools, offices



CURVEVIEW

Curved Tempered Glass

A fantastic aesthetically superior option to straight glass. **CURVEVIEW** is available in fully tempered, heat-strengthened and heat-soaked forms. **CURVEVIEW** finds its way in unlimited application space offering architects phenomenal flexibility in design and form.

This glass can be combined into an insulated or laminated unit for enhanced comfort and safety.

Humans prefer smooth edges instead of sharp corners. With the help of **CURVEVIEW**, architects can design interiors to include curves that create an aesthetical impact and portray a smoothness in design.

Glass Types	Clear, low iron, tinted, reflective
Colours	Any color possible by using colored interlayers / ceramic frit
Designs	Any custom design possible
Views	Translucence can be controlled by use of interlayers / ceramic frit coverage
Forms	Heat treated, laminated
Fabrication	Can make holes, cutout, simple shapes
Application	partitions/ doors, furniture, shower cubicles, wall cladding, shop fronts, railings
Application 2	Shop windows, revolving door systems, commercial door entrances, partitions, reception desk, shower cabins





FLOORVIEW

Slip-Resistant Glass Flooring

FLOORVIEW is a high slip-resistant glass for use in floorings. A combination of elegance with safety, **FLOORVIEW** finds its application in both interior and exterior flooring applications. **FLOORVIEW** introduces a flooring option that provides unique architectural opportunities allowing designers to manipulate color and light to define the interior space.

Features and Benefits

- **FLOORVIEW** has an anti-slip layer on the glass surface that provides high friction, which gives a guarantee for the anti-slip performance of the glass floor and still maintains the permeability characteristics.
- The substrate of **FLOORVIEW** has high strength, can withstand large loads without breaking and has various choices of design such as dots, cross, lines, etc.

Glass Types	Clear, low iron, tinted (bronze-warm tone, grey- cool tone)
Colours	Low iron, clear, bronze, grey, green, blue, black and mirror
Designs	Dots / lines, custom patterns
Views	Translucent acid etch effect possible. Frit coverage can be designed based on opacity % needed
Forms	Flat, annealed, laminated, heat treated
Fabrication	Can make holes, cutout, simple shapes
Application	Floors, stairs, ramps, footbridges, swimming pools and bath areas, roofs, high-traffic areas, etc.



CONTROLVIEW

Glass with Integrated Blinds and Louvers

CONTROLVIEW offers optimum control over the light, heat and sound coming through glass panels across a variety of architectural applications. These precision engineered products comprise a system of louvers or blinds hermetically sealed within a double glazed glass cavity. Best of all, they are dust free, requires no maintenance, significantly reduce the Total Cost of Ownership and provide the perfect day lighting and privacy solution for commercial, residential, educational, healthcare or institutional environments.

Features and Benefits

- **CONTROLVIEW** is a hermetically sealed glass unit combining louvres/ blinds within a glass, that can be customized to virtually any design or interior and exterior glazing applications.
- Offers great privacy and reduces sound seepage.

Glass Types	Can be combined with any single / laminated pane
Colours	Standard colors
Designs	Not applicable
Views	Light transmission can be controlled by tilting the louvers / blinds. 100% opacity is possible
Forms	Has to be made into an IGU
Fabrication	Only rectangular panels
Application	Partitions, sidelights, doors





ONYXVIEW

Stone Laminated Glass

ONYXVIEW is an innovative composite glass that contains a thin layer of natural stone sandwiched between one or two panes of glass. Since stone is susceptible to damage, glass provides the extra support and protection so it can be used for various applications.

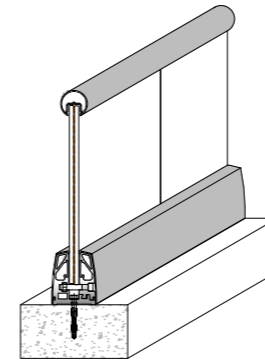
Features and Benefits

- Allows light to pass through the stone creating great ambience.
- Lightweight panels that can be easily fixed. Easy to maintain due to glass surface.

Glass Types	Clear, Low Iron
Colours	Onyx, alabaster, quartz, marble and granite
Designs	Natural stone designs
Views	Depends on stone selection
Forms	Heat treated, laminated
Fabrication	Only rectangular panels
Application	Wall cladding, backlit panels, desktops, lobby, partitions



Glazing Systems

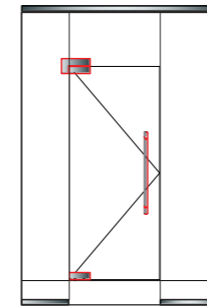


Railings

Floor Mounted In Floor Balustrade
Side Mounted Edge Mounted Patch Balustrade

Highlights

- Offers a choice of 3 different profile bases solutions
- Resist line loads more than 3 kN/m
- Easy glass installation
- Exceptional alignment of the glass panels in every direction
- Meets worldwide safety and building regulations
- Suitable for use in high demand public areas
- Integrated drainage system
- Cost effective solution
- Incorporation of LED lights
- Uninterrupted view
- Free of maintenance

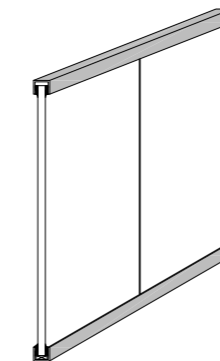


Doors

Frameless Door Slim Line Framed Door

Highlights

- Slim line system
- Single Glazed
- Double Glazed

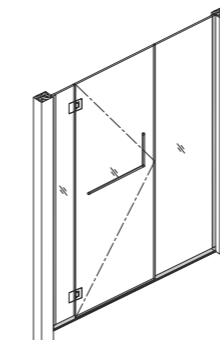


Partitions

Slim Line System Single Glazed Double Glazed

Partition System

- Fully transparent partitions, single or double glazed
- Tightness without glues
- Connections of the locking components
- High noise reduction
- Resistance to seismic stress
- Section width: 40mm to 100mm
- Section height: 25mm
- Aluminum 6000 series
- Glass connectors - Aluminum/ Clear PVC with Norton Double sided tape



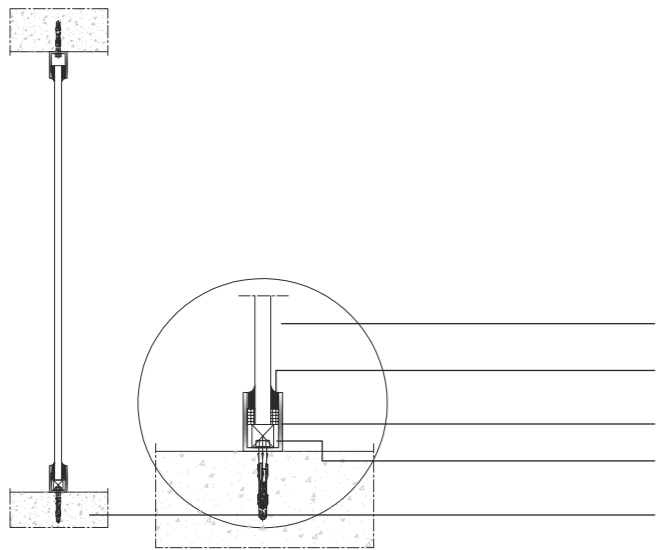
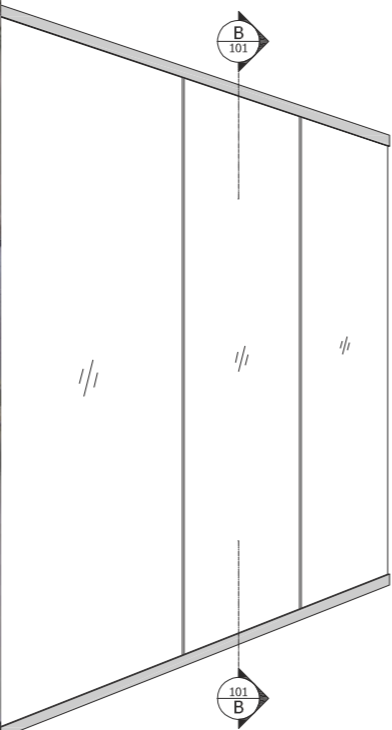
Shower Partition

Frameless Partitions Modular Construction

Highlights

- Extremely sleek appearance
- Wide choice of hardware and handles
- 100% leak proof to ensure perfect dry outside space

How It Works



- Glass
- Sealant
- Aluminum Channel
- Setting Block
- Section-BB

CASE STUDIES



1

AT THE TOP

Burj Khalifa, Dubai



Client: Emaar
Architect: GSM
Façade Consultant: WSP
Contractor: Seele Middle East
Product: SPECTROVIEW (25mm laminated glass using two panels of 12mm Ultra Clear and bespoke Vanceva® colours)

Our Innovative Solution

In order to meet the client's dynamic colour requirements, we created a number of samples using Vanceva®'s range of coloured PVBs. Once the colour palette was finalised, we used the PVBs in SPECTROVIEW colour laminated glass. The laminated unit, which was 25 mm thick, wasn't just aesthetically pleasing, but also met strict safety guidelines. The intralayer of the panels is made with heat- and light-stable colourants, which are able to resist fading over time. The panels were run through a battery of tests to meet the most stringent quality standards.

The Outcome

The SPECTROVIEW panels we used have provided the area with a dynamic effect that enhances the overall elegance of the building's interiors. The panels used are highly durable, ensuring that the glass structure always looks its best. The partitions delivered offer a vibrant mix of

Scaling New Heights

Bringing the art of fine glass façades to Dubai's most enticing attraction

About the Project

Towering above the Dubai skyline, the Burj Khalifa is symbolic of the city's emergence as one of the world's top business and tourist destinations. Its most popular attractions are the two observation decks located at the 124th and 148th floors. An extraordinary union of tasteful design, precision engineering and meticulous craftsmanship, the entrance lobby to the observation deck was created to give visitors a small glimpse of the beauty that awaits them a hundred storeys higher.

The Challenge

While procuring the glass for the lobby to Dubai's most well-known tourist attraction, we left no stone unturned in sourcing the highest grade materials. The customer had very specific needs regarding the colour of the panels. Achieving the right PVB colour combination was one of the biggest challenges we faced on this project. Working with Seele proved to be both demanding and rewarding. The company, known for developing Apple stores across the world, wanted to inspect every single pane of glass so that it met their high quality requirements. This encouraged us to strive for perfection at every step of the glass processing journey.



colours, which allowed us to bring the architect's vision to life without compromising on structural integrity. The panels' varied light transmissions have enabled us to create a tourist attraction that is the definition of opulence and beauty.

2

BVLGARI HOTEL

Jumeirah, Dubai

Luxury Hospitality Gets a New Address

Dubai's Bvlgari Hotel celebrates the beauty of Italian architecture and the colours of the sand



Client: Meraas
Architect: Antonio Citterior Patricia Viel and Partners
Façade Consultant: Fondue Consultants
Contractor: Al Jaber Engineering and Consultants
Product: 15mm VIVIDVIEW Woven mesh panels incorporating GKD Mandarin Mesh within low iron laminates

Our Innovative Solution

In order to meet the architect's unique vision we used VIVIDVIEW glass panels. With the help of the panel's mesh lamination, we were able to achieve not just the unique coral colour, but also its texture. The mesh within the panels is just 1.3 mm thick, making the panels quite light and easy to install. The VIVIDVIEW panels are available in a wide range of large sizes, which made it the perfect fit for this project. We used 15 mm laminated panels to reduce ambient noise and meet the customer's privacy and safety requirements.

The Outcome

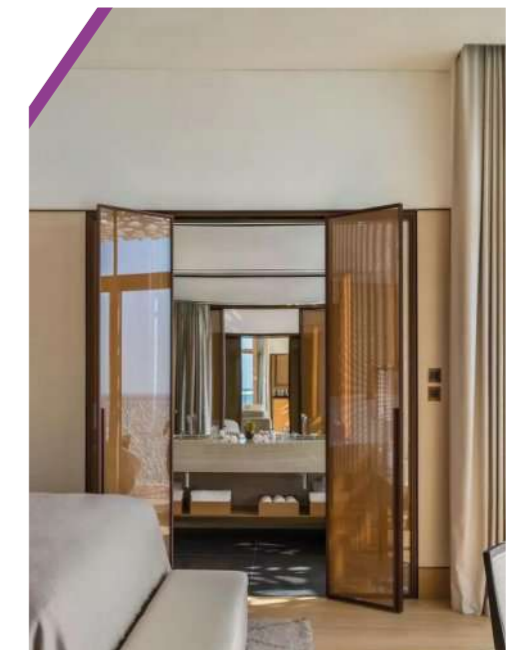
By processing the large panels at our in-house automated facility, we were able to check the quality of each panel before sending it to the site. This enabled us to achieve zero on-site rejections for the project. Since the glass we chose was laminated, it offered the highest levels of safety,

About the Project

Located along the coast of Dubai's seahorse-shaped Jumeirah Bay Island, the Bvlgari Hotel brings fine Italian architecture to the heart of the Middle East. Inspired by the beauty of the brand's signature jewellery, the team worked hard to create a space that blended Italian minimalism with traditional Middle Eastern extravagance.

The Challenge

Given the prestige of the property, our topmost priority was to ensure that the panels we used provided residents with utmost privacy. However, the most interesting aspect of this project was achieving the building's unique coral texture while also meeting the customer's durability and acoustic requirements.



security and privacy while significantly reducing ambient noise, ensuring that every room on the hotel's property is as tranquil and serene as the azure sea that surrounds the island.

3

COLLEGE FOR WOMEN

Sabah Al Salem Al Sabah University City, Shadadiya, Kuwait



Client: Kuwait University Construction Program
Architect: C7A Architects
Façade Consultant: Gulf Consultant, Cambridge Seven Associates
Contractor: Sino Hydro
Product: : 17.52 CHROMVIEW Starphire Laminated Glass

Our Innovative Solution

In order to achieve the customer's vision of a lustrous finish, we initially contemplated using panels with a stick-on stainless steel element. However, we realised this would not only complicate the installation process, but also require frequent maintenance. Instead, we opted to use CHROMVIEW to obtain the stainless steel effect while minimising the maintenance work required. We created a bespoke template for the panels at our completely automated glass-processing facility in Dubai. The panels we created were flexible and could be tempered and curved as required to fulfil a range of architectural needs.

The Outcome

Our innovative use of CHROMVIEW enabled us to achieve the stainless steel effect from both, inside and outside, while ensuring that the panels were safe to use in a busy college. The glass was easily moulded to fit the curved shape of the railing without compromising on either

Inspiring a New Generation of Women

Kuwait's College for Women gets a luxurious makeover

About the Project

A cultural and educational hub in the heart of the city, Kuwait's College for Women is an architectural masterpiece. The entire college, which offers courses across multiple disciplines to 4,000 students, has been designed around a central atrium that sits below a large overhanging roof and is the building's crowning glory.

The Challenge

We had to come up with an innovative solution for the main atrium's balustrades, which the customer envisioned as an artistic space that inspired the students. Since the building was built with stainless steel fittings, we were also required to source glass panels that had a lustrous finish and fit into the design seamlessly.



quality or the overall mirror effect. Our panels enhance the overall look of the magnificent central atrium, which serves as a source of inspiration for the 4,000 young, aspiring women who walk its halls every single day.

4

QATAR NATIONAL LIBRARY

Education City, Doha, Qatar



Client: Qatar Foundation
Architect: Office for Metropolitan Architecture (OMA)
Façade Consultant: ARUP
Contractor: Brookfield Multiplex
Product: CLAROVIEW (27 mm multi-laminated unit using Guardian Clarity and ultra-clear)

Our Innovative Solution

To meet the customer's specific low-reflection requirements, we used CLAROVIEW panels that can achieve a low reflective property of just 0.7%. The panels were incorporated into multi-laminated units which offered enhanced safety and security. We incorporated the use of Guardian Clarity glass into the panel to ensure that library-goers could enjoy clear views, while also providing them with 90% light transmission, making the building highly energy-efficient.

The Outcome

Our expertise and experience in the glass façade domain enabled us to successfully execute the project as per the customer's requirements. The panels we used were durable, scratch-resistant and safe, but did not need any additional maintenance. Our smart application of glass

A Diamond in the Sand

Qatar's National Library blends ancient history with modern architecture

About the Project

A true temple of knowledge and learning, the Qatar National Library covers over 42,000 sq. metres while housing millions of books, e-books, historic texts, manuscripts, periodicals and more. The entire building has been envisioned to look like a single room with clear views of the surrounding areas. Tying into the entire project's overarching theme, the architect designed the building to resemble a diamond. A sunken patio in the heart of the building provides light to the office while also serving as a transition space between the harsh outdoors and the sanctuary of books inside.

The Challenge

The customer's vision for the library required panels that offered clear views with minimal to no reflection. Despite the fact that the building had a balustrade application, we were tasked with the responsibility of ensuring that the library's appearance did not change from different viewing angles.



panels enabled us to create an aesthetically-pleasing library where students, avid-readers and researchers can come together to expand their horizons and learn more about Qatar, the Middle East, and the world.

Who We Are

Future Architectural Glass, LLC (Future Glass) is a joint venture between a multinational and diversified Singapore corporation and a leading Indian glass conglomerate. The company has established itself as UAE's premium glass processor having the entire gamut of European machinery and systems to process any type of interior and exterior glass.

Since 1976, the group has been serving the needs of architectural glass market by providing latest products suiting the dynamic needs of architects/consultant. We started operations as a glass trading and distribution firm and ever since have expanded our products and services to include safety glass manufacturing and providing specialty glass solutions.

In the last four decades, we have diversified into several products lines encompassing exciting exteriors glazing products, comfortable interior

glazing, specialty design applications and high performance green building product solutions.

Our specialized products development unit, is dedicated to understand the changing needs of the architectural glass market and introduce innovative glass and glazing solutions for enhanced comfort, safety and performance. Spread over more than 30 countries worldwide, our strong client base is an indicator of our global reach and the trust we share with our customers.

Our ever-expanding presence with offices in UAE, India and Singapore helps us serve the varied needs of client promptly and efficiently. With multiple manufacturing bases in UAE and India, we are able to optimize resources and utilize the location advantage to the benefits of our global clientele.



Key Indicators



5

Million panels delivered worldwide

2

Manufacturing base – UAE and India

3

Regional headquarters – UAE, India, Singapore

4+

Decades Group's experience in Glass

35+

Countries exports worldwide

1000

Employees group strength

500,000

Sq.ft. area of Factory space

FUTURE

Tomorrow starts today



FUTURE

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