

FUTURE

Tomorrow starts today



CREATIONS | DIGIVIEW

EXPRESSIONS IN GLASS

www.faglass.com



DIGIVIEW

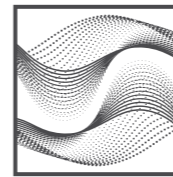
While glass by itself can be a visually pleasing material, **DIGIVIEW** increases its glamour quotient multifold with the addition of high-resolution imagery on glass panels. Aesthetically rich and vibrant, **DIGIVIEW** makes it possible to have life-size glass panels with an unmatched photographic colour range and intensity. The high-resolution imagery is created using state-of-the-art printing technology on glass that can be heat treated, laminated or double glazed to form a durable unit for use in versatile applications.

With its incredible possibilities, **DIGIVIEW** gives architects and interior designers a larger canvas with which to envision home and work spaces. It is used across a wide range of exterior and interior applications to produce a long-lasting impact on passers-by. So whether it is logos for office receptions, impressive shopfront displays, decorative glass panels in bathrooms or striking facades, **DIGIVIEW** is the preferred choice of product.



Glass is
your
canvas.
Possibilities
are limitless.

Print Virtually Anything



Lines and Dots
From extremely fine lines to dots with diameter as low as 0.40 mm, even the minutest of details can now be reproduced.

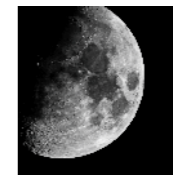
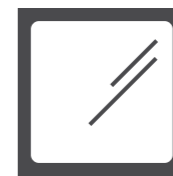


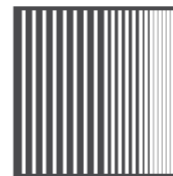
Photo Print
Create photo-realistic images up to 1440 dpi (best-in-industry) on glass. In other words, you can now print anything and everything.



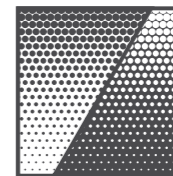
Patterns
Any pattern be it geometric, abstract, animal skin or stone finish is now attainable.



Frames
Print borders on any glass size and shape to achieve clean and beautiful aesthetics and remove all unwanted elements from your vision.



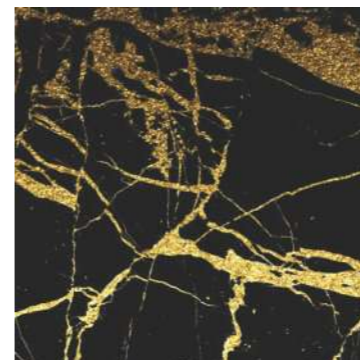
Textures
Anti-slip and other functional or decorative textures can be printed for durability and brilliant aesthetics.



Dual Tones
You can now have two-colour frits (for e.g. white outside and black inside) and hence make your interior viewing extremely soothing and neutral.

Premium Prints

Obtaining the glitter and lustre of precious metals is now possible because of our class-leading ink range that will undoubtedly impart a feeling of luxury to your interior and exterior spaces like no other product.



Royal Gold



Perfect Platinum



Gleaming Luster

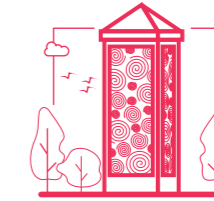


Why DIGIVIEW



Life-Long Print Durability

Our 100% UV-stable inks are guaranteed against color fading. This is due to the unique ceramic-based ink composition that is completely devoid of plasticizers.



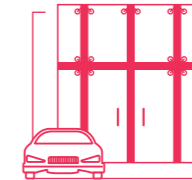
Prints on Surface One Possible

Since the inks are heat-treated post printing, they become completely fused with the glass surface and can even be installed facing the exterior.



Easy Panel Tracking

Our advanced panel tracking feature prints a unique alpha-numeric code on every glass panel facilitating easy replacements at a later date. Additionally, each code is uniquely linked to the panel design in our database and can be retrieved anytime.



Create Precise Border Frits

Create perfectly opaque borders to conceal the otherwise unsightly spacer, butyl and silicone perimeter. This helps create neat and orderly glass-to-glass joints and is a great option for glazing in high vision areas, such as lobbies.



Substantial Reduction in Heat Gain

Most of the glass coatings are compatible with DIGIVIEW, so you can combine the performance of the coating with the aesthetic brilliance and create a facade without compromising on the energy parameters.



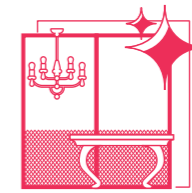
Precise Dual-Tone Printing of Patterns

You can now print the colour of your choice and exactly the same pattern superimposed in black. This neutral inner treatment makes the frit almost imperceivable when viewed from inside, giving you the desired aesthetics with neutral interiors.



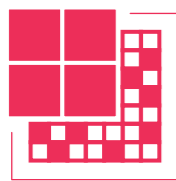
Zero VOC

DIGIVIEW inks have zero percent volatile organic compound (VOC) content, ensuring healthy interiors and 100% compliance to green building norms.



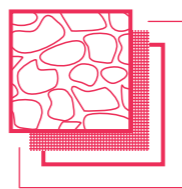
Easy Maintenance

Since the inks are very highly durable and fused on to the glass surface at the time of heat-treatment, maintenance is extremely easy and convenient.



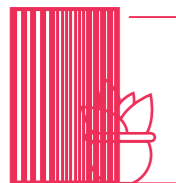
Industry Highest Resolution

With its extremely high resolution (1440 dpi), **DIGIVIEW** prints look absolutely realistic and non-pixelated even when viewed from extremely close range.



Interlayer Compatibility

DIGIVIEW inks are completely compatible with all laminating interlayers and can be laminated for enhanced safety.



Varying Transparency Levels

With varying levels of transparency on offer you can easily control the privacy required for your cabin or room and a unique capability is the creation of 'frosted' surfaces in the design and colour of your choice.



Printing on Fire-Rated Glass

DIGIVIEW can also be printed on our fire-rated glasses. So your fire-safe partitions and entrance doors can have beautiful design manifestations without compromising on the fire-performance.



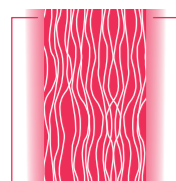
Water-Proof Translucence

Unlike traditional acid-frosted or sandblasted treatments which contaminates due to prolonged exposure to soapy water and lose transparency when in contact with moisture or water, **DIGIVIEW** frosted inks eliminate both these problems and also offer far more design and colour flexibility.



Superior Anti-Skid Treatment

The extremely durable and high-performing anti-skid coating can be printed in any design form. So floors and walkways printed with **DIGIVIEW** can have the best of both worlds - brilliant aesthetics and very superior anti-slip functionality tested as per international standards.



Backlighting Possible

With varying translucence levels possible, floors and walkways created with **DIGIVIEW** can be backlit for unbeatable aesthetics.



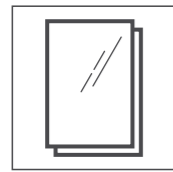
Compatible with Silicones

DIGIVIEW is compatible with neutral silicones and can be easily installed on wood, aluminum, stone and other surfaces.



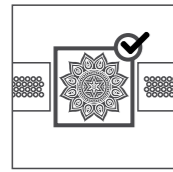
Redefine the boundaries of architectural design.

The DIGIVIEW Process



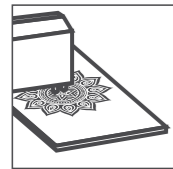
Choose Your Glass

Printing is possible on practically any glass type, be it clear, tinted or coated.



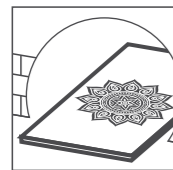
Select Your Design

Choose any style from our exhaustive library or create one of your own.



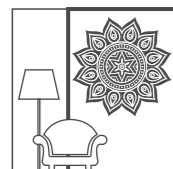
Printing on Glass

Your selected design is then printed on glass by our revolutionary printing machine.



Heat-Treatment

The printed glass is then heat-treated in our furnace for 100% durability.



Final Product

Your bespoke glass is now ready to amaze the world!

Our experts evaluate images to be reproduced for feasibility. It is important to note that large, high-resolution images produce the best results. The greater the number of pixels or file size, the sharper the output is likely to be. The table here can be used as an indicator of image size:

PICTURE SIZE	MEGABYTES	MEGAPIXELS
100 x 150-mm	10	2
150 x 210-mm (A-5)	20	5
300 x 210-mm (A-4)	40	9
420 x 300-mm (A-3)	80	18
600 x 420-mm (A-2)	160	35
840 x 600-mm (A-1)	320	70
1200 x 840-mm	640	140
2400 x 1220-mm	1550	415





80 mm
Maximum thickness
(can print glass blocks)

15%
Faster printing
technology

20%
Better resolution (1440 dpi) than
the current industry standard

2.5 x 5 m
Maximum size

10000+
Colours possible



Bespoke Designs for Seamless Effects

As a complete solution provider, Future Glazing understands the need to provide systems that integrate the architect's vision seamlessly into the facade. Upholding the architectural concept, Future Glazing can assist in designing the glazing framework to complement the overall aesthetics. This can be challenging due to the different types of performance requirements such as structural, expansion joints, waterproofing and so on. Future Glazing, with its diverse expertise can safeguard the design goal and deliver a bespoke facade in its true sense.

We have an expert in-house design team that has several years experience in executing complicated facades and glazing projects. This gives us a strategic edge over our competitors when it comes to providing glass under our Creations vertical. Since we are able to give end-to-end solutions for your innovative design needs it becomes both convenient and faster for you to use our products in your projects, knowing that all your architectural and structural requirements will be taken care of under a single banner.

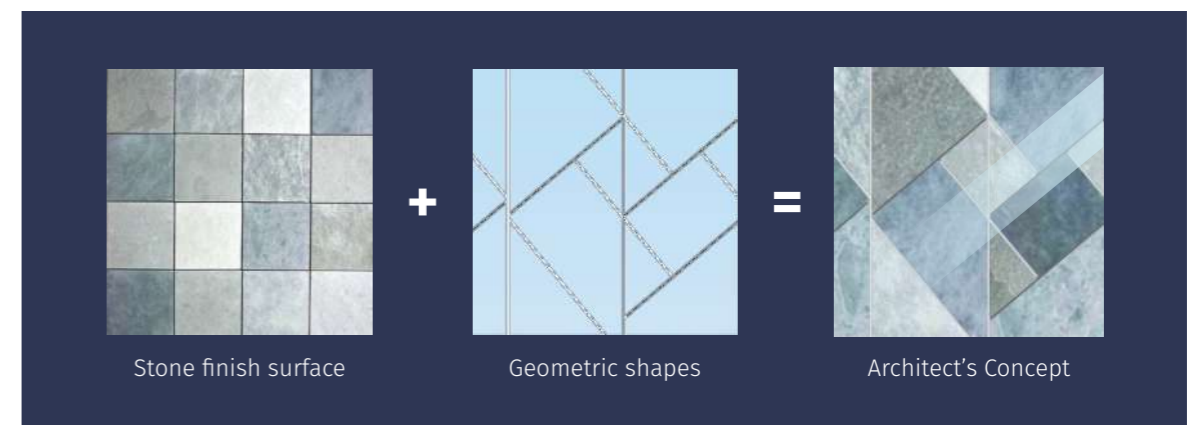
So come and challenge us - we are looking forward to being your complete facade partner!

A Typical Project Case Study



Design

The architect's vision is to have a stone finished facade with various geometrical shapes in the structure rather than customary rectangle panels. The architect's renders show a facade having a seamless integration of the geometrically shaped stone panels matching the grid lines exactly.



Action Steps

- Rendering to match the architect's design intent
- Recommendation to choose **DIGIVIEW** technology to achieve stone effect in glass
- Propose seamless system custom designed to suit original pattern

Develop

Future Glazing team engages its design experts to customize a bespoke system that suits the shaped glass panels. Brainstorming innovative ideas results in designing a framework that perfectly matches the shaped stone finish glasses. After in-depth cost-benefit analysis the best solution is selected and worked on.



Action Steps

- Structural analysis to ensure stability
- Design to meet the performance requirement
- Choice of system color to complement the design



Deliver

Installation is done using compatible materials that match the glass specifications. Future Glazing provides a turnkey solution from design till installation. Since all the designing, processing, fabrication and installation are covered under one roof, quality is maintained and we can provide a comprehensive package. With us, you are in safe hands to create a bespoke facade with great style and panache.

Action Steps

- Joint plumb to match the pattern
- Shorter lead time
- Technical expertise are locally available



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/consultants. 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 product 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

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Other Creation Products:

VIVIDVIEW

Mesh in-filled glass

SPECTROVIEW

Colour laminated glass

SWITCHVIEW

Smart privacy glass

MEDIAVIEW

Digital media glass

ONYXVIEW

Stone laminated glass

SOLERA

Real daylight solution

DYNAMICVIEW

Intelligent solar control

CONTROLVIEW

Glass with integrated blind and louvers

SOLARVIEW

Photovoltaic glass

CHROMVIEW

Mirror frit glass

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