



GLOBE

GLASS

.. Simply Clear ..

COMPANY PROFILE

Committed to Providing "Excellence"

From humble beginnings in 1969, Globe Glass has come a long way as the trusted supplier of Glass Solutions for the Construction Industry. Throughout our journey we have always been a trendsetter in innovation and technological advances in the glass processing industry.

I am proud to say that we are fully equipped to provide "Excellence" and "Unparalleled" products and services to the market we serve and to the communities we live and work in.

This journey would not have been possible without the continued support of all my talented staff. Moreover, I owe a huge amount of gratitude to all our business partners for our steady growth.

Our commitment towards the continuous improvement of our staff and to provide quality service are achieved by investing in our people and new technology.

Our Company is well equipped to cater to the demands of Sri Lanka's Construction Industry as well as to foreign clients with whom we have strong Business relationships.

We shall look continuously to provide our customers with excellent service and quality products at a competitive price. We pride ourselves on being the customers' first choice, which is also our mission.

I would like to thank our founder, late Mr. Mohomed Nawaz, to whom we will always be indebted for his vision, guidance and values, which were inculcated in us to make our company what it is now. We hope that we will be able to similarly pass on the lessons we have learnt to our future generation.

**Ayubowan!! , Wanakkam!!
and AssalamuAlaikum!!**

**Firaz Nawaz
Managing Director**

CONTENT

PAGE 8

OUR LEGACY

PAGE 9

VISION & MISSION

PAGE 10

FACT FILE

PAGE 12

OUR JOURNEY

PAGE 16

MEET OUR TEAM

PAGE 22

OUR PARTNERSHIPS

PAGE 23

PRODUCTS & SOLUTIONS

GLOBE CREATIONS

LEGEND

SOLUTIONS

PAGE 38

SUSTAINABILITY

PAGE 42

OUR FACTORY | OUR PROCESSES

CUTTING

WASHING

EDGING

TEMPERING

DRILLING

DGU

PAGE 52

IN TO THE FUTURE

PROJECTS

PAGE 06

EGYTIAN EMBASSY

PAGE 21

CCC

PAGE 11

CLEAR POINT RESIDENCIES

PAGE 36

FAZAL CERAMICS

PAGE 14

COLOMBO INNOVATIVE TOWER

PAGE 37

CINNAMON LIFE

PAGE 15

MÖVENPICK

PAGE 50

STK HEIGHTS

PAGE 20

FAZAL CERAMIC



BAMBALAPITTYA

EGYPTIAN

EMBASSY

SOLUTIONS PROVIDED

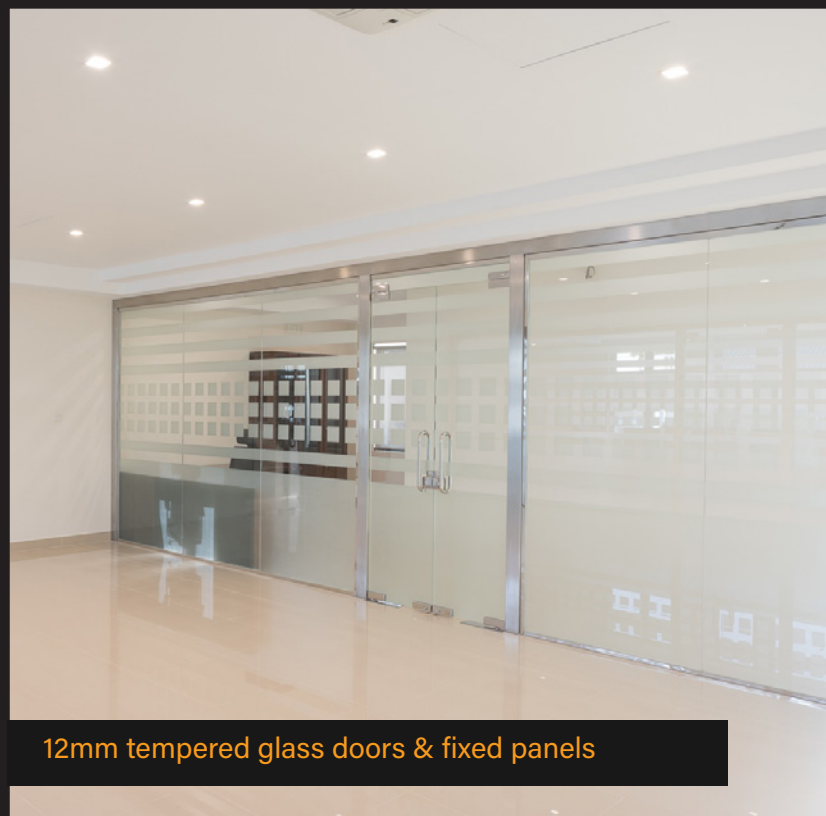
12mm tempered glass doors & fixed panels

Supply of 5mm + 9mm gap+ 5mm clear glass

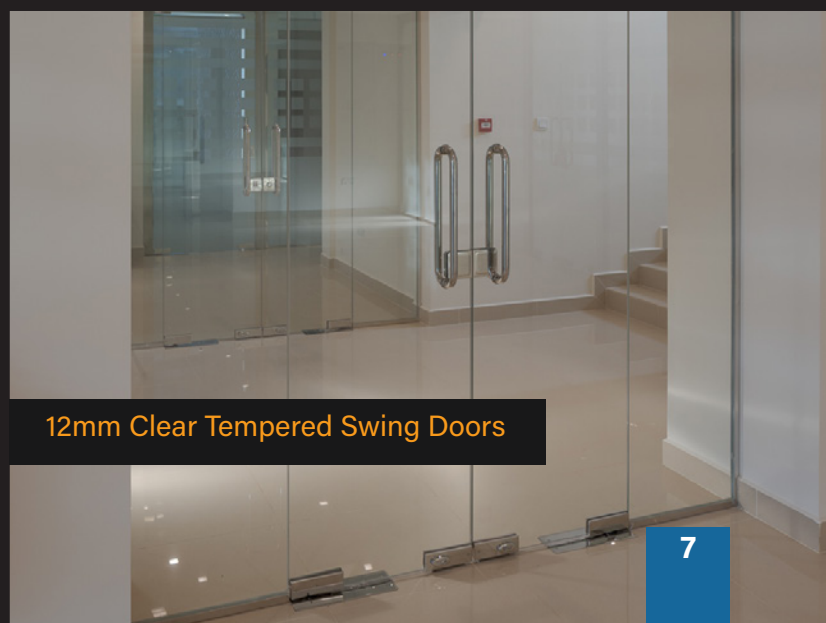
5mm for mirrors.



12mm tempered glass doors & fixed panels



12mm tempered glass doors & fixed panels



12mm Clear Tempered Swing Doors

OUR LEGACY

Globe Glass Pvt Ltd, with a legacy spanning across more than five decades, has grown from strength to strength to become the undisputed leader of the glass industry in Sri Lanka.

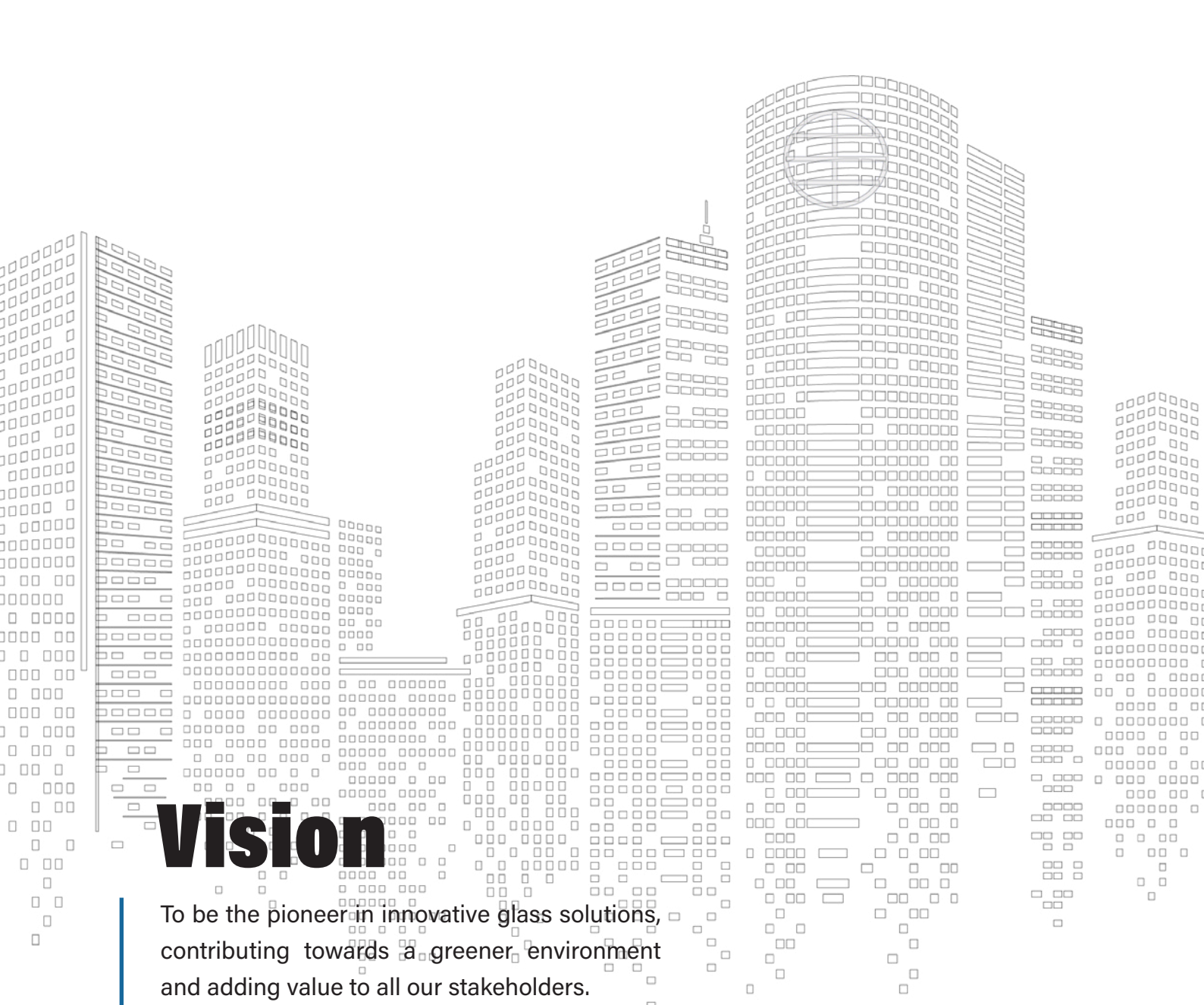
A family-owned business that first initiated its operations in 1969, we have earned a stellar reputation as the most credible and trustworthy glass processing company in the country and has expanded our operations to encompass the export market as well.

However, a journey extending several decades is not without challenges. As a result, we have met each challenge with determination and perseverance ensuring that the company grows stronger with an improved vision and approach resulting in better products and service.

The primary force behind our success is the dedicated and talented workforce consisting of over 275 qualified and skilled employees who are committed to delivering the highest quality specifications. This versatility of our workforce is equally complemented by sustained partnerships and endorsements from reputed and world leading suppliers maintaining the continued success of Globe Glass.

With over 8,000 projects completed and many new projects in the pipeline, our journey is continuing steadily with more exciting and new transformations ahead.

Join hands with Us and make Globe Glass a part of your inspiring and transformational journey...



Vision

To be the pioneer in innovative glass solutions, contributing towards a greener environment and adding value to all our stakeholders.

Mission

To be the market leader by providing high quality solutions in the Glass Industry, while contributing towards an eco-friendly environment by using cutting edge technologies and high working standards to create brand loyalty amongst stakeholders and to improve employees' living standards.

FACT FILE

1969

Founding of
Globe Glass



250+

Workforce



96%

Satisfied Customers



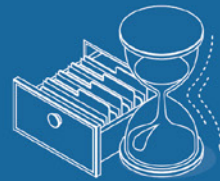
+300

Island-wide Partnership



02 Offices

02 Factories



8000+

Projects Completed



10000+

Growing Customer Base



+20

International Partnerships



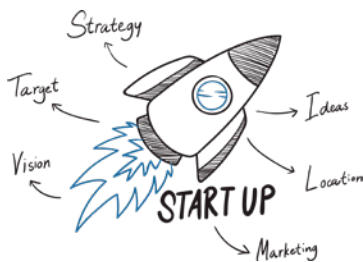
SOLUTIONS PROVIDED

Automatic Sensor Door
Suspended Bolted Facade System
Frameless Shower Enclosure

BAMBALAPITIYA

CLEAR POINT RESIDENCIES

OUR JOURNEY



Globe Glass started its journey as 'Globe Mirror' where the business focused mainly on the distribution and exporting of glass and mirror products.

1969

Initiated Project Installations with the importation of tempered glass door & fittings.

1994

Started importing Glass & Mirror Products.

1998

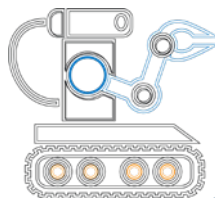
2008

We expanded our manufacturing line to include glass processing products.



Established our manufacturing/processing plant

Installed our first Lamination and Tempering machine



2009

2012

We became the only glass processing company in Sri Lanka to be ISO certified for processing glass.



We were certified to produce green building glasses in Sri Lanka.

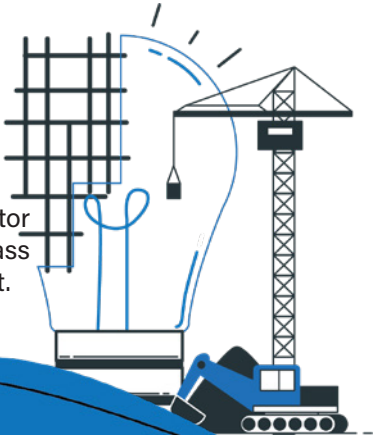
2014

Moving ever forward...

In line with the government's vision to further develop the construction industry, we have planned to set up our own Double & Triple Glazed Units which will adhere to international standards. This will be yet another first in Sri Lanka and will further endorse our green building initiatives, whilst also assisting clients to achieve the coveted LEED Certification.

We continued to expand our efficiencies, operations and outreach successfully. We continued to add innovative and novel machinery to our ever-impressive fleet of machines and as of now we have the No. 1 European Manufacturing Technology available in Sri Lanka.

We accomplished the fabricator for the SunGuard® coated glass products as per our assessment.



2020

2018



World leading glass manufacturers, Saint Gobain, Guardian and AGC Group, certified us as the only leading glass processor in Sri Lanka.

2019

We successfully obtained lean manufacturing, green and eco-friendly processes and other certifications in quality glass processing.

We also installed the world renowned tempering machine "Glaston RC series" as a second line in the tempering unit.

This increased our efficiencies related to lean manufacturing and added the benefit of being able to process Double/Triple Coated ranges from suppliers.

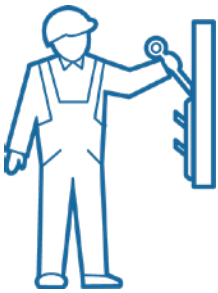


2014

2015

We re-branded ourselves from Globe Mirror to Globe Glass, starting a new chapter of advancement and growth. We successfully passed a Saint Gobain India Ltd inspection on heat treatment.

We also successfully met the certification requirements and obtained qualified status of Guardian Select® and SunGuard® for fully Tempering in accordance with "EN 12150" and insulated Glass Unit Fabrication of Sunguard High Performance Products climaguard Neutral 70D.



We successfully passed the validation tests set by AGC. We are able to pre-process, conduct heat treatment and insulate several products in the glass production.





BAMBALAPITIYA

COLOMBO INNOVATION TOWER

SOLUTIONS PROVIDED

- Automatic Sensor Door
- Suspended Bolted Facade System
- Frameless Shower Enclosure



MÖVENPICK

MÖVENPICK

BAMBALAPITIYA

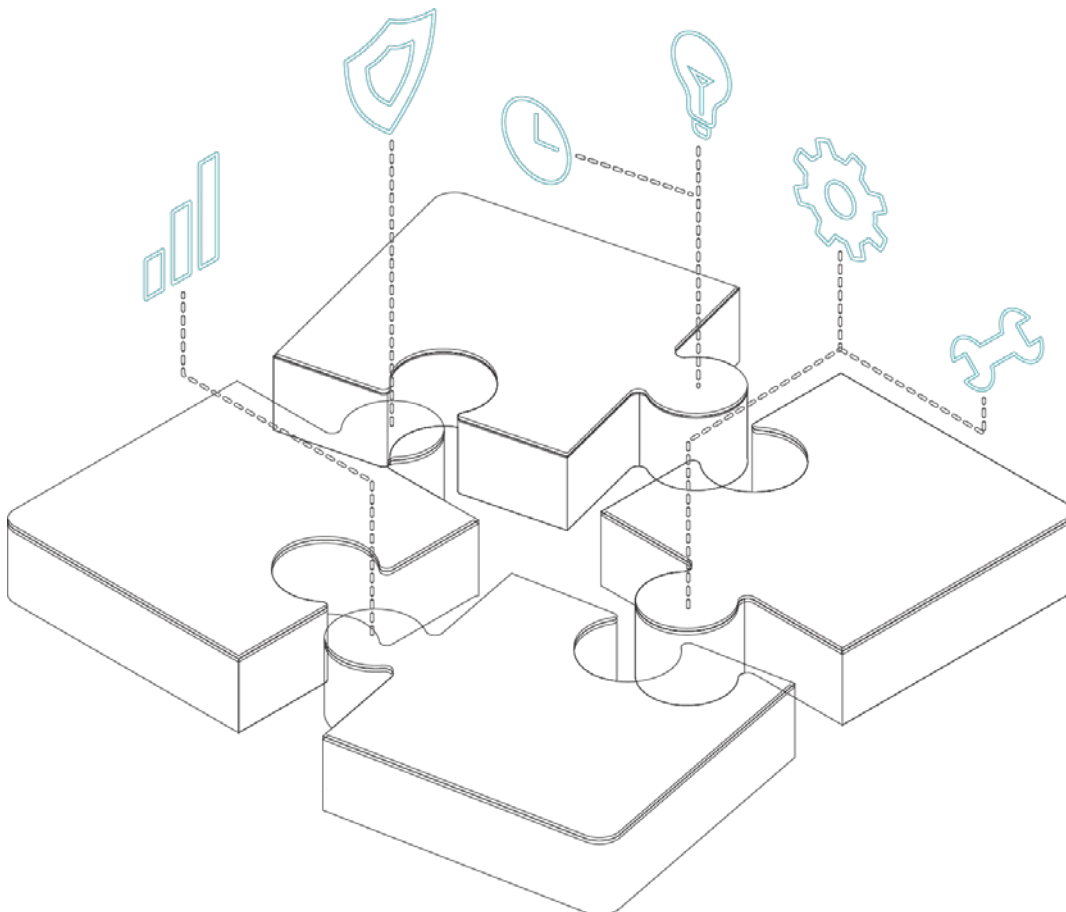
MÖVENPICK

SOLUTIONS PROVIDED

- Automatic Sensor Door
- Suspended Bolted Facade System
- Frameless Shower Enclosure

MEET OUR TEAM

Globe Glass is led by a team of passionate individuals who have brought in decades of experience, expertise and knowledge. This experience coupled with state-of-the-art technologies and innovative approaches have defined Globe Glasses' journey.



Continuous innovation, great partnerships and dedication of our talented staff has enabled us to reach new heights.



FIRAZ NAWAZ
MANAGING DIRECTOR

We have made great strides since the beginning of our 50+ year journey. Continuous innovation, great partnerships and dedication of our talented staff has enabled us to reach new heights. In this journey, we must not forget our valued clients who have been with us each step of the way and trusted us to be your partner.



MAFAZ NAWAZ
DIRECTOR

Globe Glass was founded with the vision of being a pioneer in providing glass solutions to Sri Lanka, With more than 25 years of experience heading the sale team at Globe Glass, I can be sure to say that we have truly being a pioneer in providing innovative glass solutions to the industry. With each step, we have striven to be innovative, dedicated and hardworking and continue to capitalize on our core strengths, building fruitful partnerships and providing the best for our clients.

Globe Glass was founded with the vision of being a pioneer in providing glass solutions to Sri Lanka, With more than 25 years of experience heading the sale team at Globe Glass, I can be sure to say that we have truly being a pioneer



ASAF JANAIDEEN
CHIEF FINANCIAL OFFICER

Financially, we passed the most challenging year in the history of the company. However, we remain on track to achieve our strategic objective on par with the market growth. We are maintaining our profitability while continuing to invest in new products and categories to strengthen our core. Our strong balance sheet and cash flow generations have enabled us to invest in the business while reducing the net leverage.



S K KUMARI
MANAGER HR & ADMIN

At Globe Glass, we all work very hard as a team. When you join Globe Glass, you become part of the family and the relationship between the company and each employee is of trust, respect and understanding. This is the secret to our very low employee turnover. The company and the management have always been very supportive of the employees through good and bad times. Even through the pandemic, each employee was well taken care of and the support of the company has not diminished in the least.

Financially, we passed the most challenging year in the history of the company. However, we remain on track to achieve

At Globe Glass, we all work very hard as a team.



A. J. M. RILWAN

PROJECT SALES MANAGER



NUWAN D HAPUKOTUWA

FACTORY MANAGER

When you join Globe Glass, you become part of the family and the relationship between the company and each employee is of



Our Projects Division contributes directly towards the growth of Globe Glass by operating with excellent business ethics while maximizing efficiency of the organization. We continuously and meticulously plan, organize and oversee the processes of Globe Glass to balance revenues and costs and achieve the highest possible operating profit. However, all this is done putting our clients and customers first, ensuring that the quality and the demands of our customers and clients are maintained and fulfilled to the best possible extent.

As the factory manager, I am very pleased to say that we have a team of highly skilled individuals all working together as one. We also have access to the latest technologies and employ cutting-edge and high-tech machines capable of delivering large quantities of highly qualitative products immediately to our customers. All this is made possible by the continuous support and inspiration of our management and our entire team who inspire for excellence and to believe, achieve and succeed.



of the company has not diminished in the least.

MUAD SAHEED

EXPORT CONSULTANT

In a challenging global market, it was important that we made strategic partnerships with local and international suppliers in order to cater to the diverse demands from our overseas clients. Taking up this challenge, Globe Glass has partnered with many reputed manufacturers around the globe and today we are able to cater most of its core and complimentary products under one reputed umbrella "Globe Glass".

for Six plus years! We have been fortunate to





SHAFRAZ MULAFER

ASSISTANT MANAGER - SALES

Globe Glass has always been in the forefront of customer service and our main focus is customer retention by providing quality products and the best possible service. Our products are manufactured with the best machineries available in the country. Also, not stopping there to facilitate our customers better, the management offers the best available rates in the market to our valued customers and going a step beyond offer payment facilities understanding their needs and requirements.

In a challenging global market, it was important that we made strategic partnerships.

A. I. M. ISHAQ

IN CHARGE OF TEMPERING, WASHING & SANDBLASTING

In a challenging global market, it was important that we made strategic partnerships.

I have been with Globe Glass for Six plus years! Throughout my time here, I have been fortunate to be surrounded by great individuals who are generous in sharing their knowledge and wisdom. I feel empowered with the experiences obtained at Globe Glass, especially with the ability to operate advance machinery systems allowing me to reach new potentials. Globe Glass has provided me with many trainings, which has helped me to improve my knowledge and skills. I am grateful to my team and the management who have contributed to my journey here.

In a challenging global market, it was important that we made strategic partnerships.



W. U. I. CHANDRAKUMARA

DRIVER (LOGISTICS)

Working at Globe Glass has been a great experience. The teamwork that goes into from the top-down has enabled all of us to work together and put in our 100% to the organization. We are equipped with a fleet of trucks and vehicles and the management provides us with all facilities to ensure that the logistics side of the business is handled diligently.

all the time, we have been putting our clients and customers first, ensuring that the quality and demands of our customers and clients are met.

and the demands of our customers and clients are met.



**Fazaal
Ceramics**

NAWALA

**FAZAL
CERAMICS**

SOLUTIONS PROVIDED

Suspended Bolted Facade system

COLOMBO CITY

CENTRE



SOLUTIONS PROVIDED

Supply of 24mm DGU 6MM+12AG+6MM PLT
Tempered Glass

OUR PARTNERSHIPS

At Globe Glass, we pride in bringing the latest and most innovative glass products available in the world to Sri Lanka. We have partnered with renowned and world leading suppliers to ensure that all products provided to our trusted clientele are of the best quality and prepared according to the latest technology.



VIVEK BUCH

HEAD- NATIONAL SALES - GUJARAT GUARDIAN LIMITED

Globe Glass Pvt. Ltd. has been our processing partner since a long time. They have helped us by adding meaningful value to our project portfolio & performance aspirations when it comes to providing high-quality processed products to our customers. With their impeccable glass processing technology, that conforms to our project requirements, we have been able to envision and execute our projects. "

Saint Gobain, Guardian Glass, AGC, HNG & Pilkington



Sole Agent for FG Glass in Sri Lanka: ability to produce, process and install Fire-Rated Glass, Bulletproof Glass and Laminated Glass in the country.



Our Products & Solutions

All our products are sourced from leading suppliers around the globe and made according to the latest technology and the best material available. For a list of our partners, please refer pages 30-31.

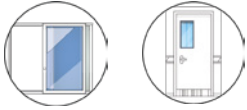
CLEAR FLOAT GLASS

Clear Float Glass is made by feeding raw material into the machine's main furnace at very high temperatures and then processing it through a molten tin bath to produce a flat ribbon that is molded by top gears, which controls the glass speed and thickness. It is then cooled, and imperfections are identified and discarded. As the final step, the glass is cut to customer specifications and dimensions.

Our selection of Clear Float glass comes in a range of sizes and thickness to suit any flat glass application and due to its versatility can be tempered, laminated, painted, coated and, silvered to produce mirrors and much more.

Clear Float Glass as the name implies is clear and distortion free. It is valued for its high light transmission, optical clarity, and ability to be fabricated to meet custom performance and aesthetic needs, promising a truly stunning appeal for any building.

APPLICATIONS



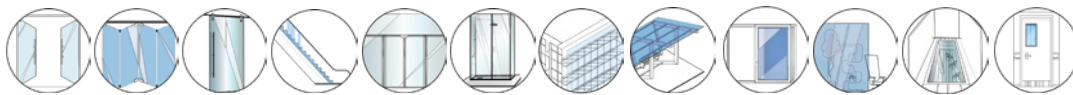
LOW-IRON GLASS

In general, standard glass includes iron or iron oxide, which gives it a green tint—larger and thicker the glass, the greener the tint. This gives a green tinge to the views and objects on the other side as well.

With the latest technology in glass making, now the iron or the iron oxide content can be reduced significantly to achieve impressively clear glass that transmits copious amounts of light. Our Low-Iron glass products offer equal strength and performance characteristics to standard glass, and offers true transparency, no distractions and as a result breathtaking view.

Low-iron glass is clear to the edge regardless of the glass size or thickness while providing clear background colors, textures and images. At the same time, the glass lets in abundant light to create spaces that feel bright, open and boundless. Be it to provide a seamless and spectacular façade or an interior that blurs the boundary between inside and out, Low-iron Glass is a perfect choice to create a powerful impression.

APPLICATIONS



TEMPERED GLASS

Tempered glass is made by controlled thermal or chemical treatments to increase its strength in comparison to standard glass. It is a type of safety glass that crumbles to small granular chunks or small harmless pieces when broken instead of splintering into jagged shards. As a result, tempered glass is less likely to cause injury, satisfying safety glazing requirements.

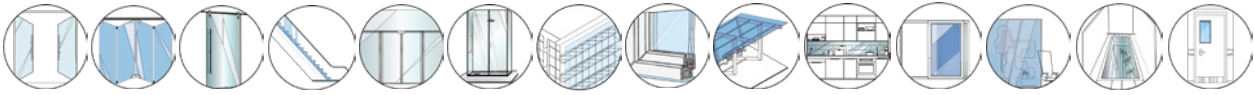
Fully tempered glass is four to five times stronger than annealed glass. The higher strength of tempered glass is advantageous in point-supported and other specialty applications.

Our tempered glass solutions come with heat-strengthened and heat-soaked glass options. Heat-strengthened glass manages moderate thermal stress and can be helpful in vision glazing applications that do not require the surface compression of fully tempered glass. In the event of breakage, heat-strengthened glass breaks into larger shards and is more likely than fully tempered glass to be retained within its framing system.

Heat-soaked glass reduces the risk of spontaneous breakage. Due to the high surface compression of fully tempered glass, NiS (nickel sulfide) inclusions can cause spontaneous breakage. The heat-soaking process helps to cause NiS inclusions to change size and break during the process, rather than after installation.

Furthermore, our tempered glass solutions can be combined with other solutions to provide improved security, safety, and comfort.

APPLICATIONS



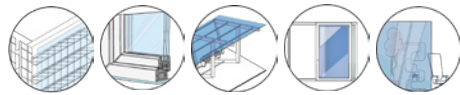
SOLAR CONTROL GLASS

Heat and glare caused by the sun can be the source for certain difficulties, especially in tropical climates. Concerns related to heat and glare can cause discomfort for occupants and impede project designs and aesthetics, in some indoor environments, especially in terms of including glass roofs, facades and other large, glazed areas.

Our solar control glass provides the perfect solution to overcome all these issues as it lets sunlight pass through while reflecting a large part of the sun's heat. Ideal for windows, roofs and glazed facades, solar control glass optimizes light transmission, solar control and high thermal performance. It maximizes natural daylight and reflects most of the solar heat away from the glass. As such, solar glass allows the indoor space to remain bright and much cooler in comparison to standard glass.

We carry an extensive range of solar control glasses with over 25+ ranges to choose from to meet your specific requirements. Solar Control Glass is designed taking into consideration energy efficiency, design flexibility and the well-being of occupants. Each coating works to reflect both heat and destructive UV light making it the ideal glass type to improve energy efficiency and natural lighting to reduce the usage of power.

APPLICATIONS



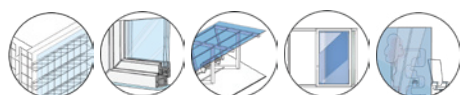
LOW-E GLASS

Low-E glass refers to glass with a low-emissivity coating. It was designed with the aim of minimizing the amount of infrared and ultraviolet light that comes through the glass, without minimizing the amount of light that enters a space. As such, it reduces heat gain or loss by reflecting long-wave infrared energy (heat), decreases the U-value and solar heat gain, improving the energy efficiency of the glazing. Because of its relative neutrality in appearance and energy efficiency, low-E glass is widely used in residential and commercial buildings.

There are two types of low-E glass, depending on the manufacturing process: pyrolytic deposition (hard coat) and vacuum deposition (sputter coating) low-E. The best option is the Sputter coating as it offers a wide variety of color and performance options, including post-temperable versions, and can meet and exceed energy code requirements while Pyrolytic coatings have higher solar heat gains and U-values and may not meet energy codes.

Our low-e glass is essential for constructions with a high proportion of windows or glass doors. Energy efficient glass provides many benefits such as improving the energy-efficiency of a space, reducing the amount of energy used and ultimately saving money on air conditioning and heating bills among others.

APPLICATIONS



INSULATED GLASS

Insulated glass or glaze glass comes in various forms—single, double and triple glaze. Most commonly referred to as an “IG unit,” insulating glass is the most effective way to reduce air-to-air heat transfer through the glazing.

Our insulated glass options provide a number of benefits that a standard glass cannot provide. It is energy efficient, as the sealed air gap between the two panes acts as an added layer of insulation. This reduces the amount of heat escaping in colder climates while in warmer climates it prevents unwanted heat from coming into the space, lessening the reliance on artificial heaters and air conditioners, ultimately reducing the energy costs. Furthermore, Insulated glass reduces visible light transmittance as well. Insulated glass also reduces condensation which can result in the formation of mould. Sealed double glazing is effective at reducing medium to high frequency noises while adding an extra layer of security as two sheets of glass are harder to break.

For an added level of security, insulated glass can be toughened or laminated. As such, insulated glass can be fabricated to meet sound control requirements, seismic requirements, bullet resistance, hurricane and blast resistance requirements, impact resistance and country energy codes. By combining with other glass products, insulated glass can be further configured to meet diverse aesthetic and performance needs as well.

APPLICATIONS



REFLECTIVE GLASS

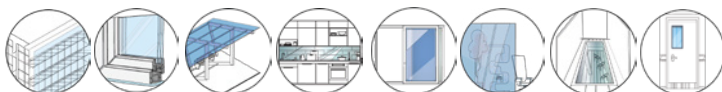
Reflective glass is standard float or annealed glass that is further enhanced by a thin metallic coating to reduce the excessive solar glare. This coating lends a darker hue to the glass. The primary benefit of this type of glass is to help combat excessive solar glare. The coating protects the interiors of a building from absorbing harmful ultraviolet (UV) and infrared (IR) rays. Reflective glass has superior aesthetics and stellar functionalities. While providing protection against solar glare absorption, it contributes to architectural aesthetics, and energy efficiency as well. Reflective glass reflects away a greater amount of heat as compared to ordinary float glass and is also less prone to thermal breakage.

A versatile glass with multiple applications, Reflective glass provides a multitude of benefits besides solar glare absorption. Coated reflective glass, designed for optimal sunlight infiltration, provides a more soothing atmosphere for an interior by reducing the harsh solar glare. The tint or hue further eliminates the need to install blinds or window shutters inside a room, which means you get an enhanced sense of space.

We carry a range of reflective glass options available in various shades and also significantly reduce the HVAC (Heating Ventilation and Air Conditioning unit) costs and also enhancing their lifespan.

The thin metallic coating on the glass’s surface can also provide Reflective Glass with a one-way mirror effect, rendering it opaque for people standing on the outside looking in where they can only see a reflection of themselves. This gives people on the inside privacy while providing unhindered views.

APPLICATIONS



FIRE RESISTANCE GLASS

Insulated glass or glaze glass comes in various forms—single, double and triple glaze. Most commonly referred to as an “IG unit,” insulating glass is the most effective way to reduce air-to-air heat transfer through the glazing.

Our insulated glass options provide a number of benefits that a standard glass cannot provide. It is energy efficient, as the sealed air gap between the two panes acts as an added layer of insulation. This reduces the amount of heat escaping in colder climates while in warmer climates it prevents unwanted heat from coming into the space, lessening the reliance on artificial heaters and air conditioners, ultimately reducing the energy costs. Furthermore, Insulated glass reduces visible light transmittance as well. Insulated glass also reduces condensation which can result in the formation of mould. Sealed double glazing is effective at reducing medium to high frequency noises while adding an extra layer of security as two sheets of glass are harder to break.

For an added level of security, insulated glass can be toughened or laminated. As such, insulated glass can be fabricated to meet sound control requirements, seismic requirements, bullet resistance, hurricane and blast resistance requirements, impact resistance and country energy codes. By combining with other glass products, insulated glass can be further configured to meet diverse aesthetic and performance needs as well.

SCHOTT PYRAN®S

Schott PYRAN®S is a monolithic, **thermally tempered borosilicate safety glass** in accordance with **DIN EN Standard 13024-1**. It has outstanding optical and mechanical properties that attributes to a long record of proven performance in many different buildings as a component in **fire resistant glazing** of the fire resistance classes **E 30, E 60, E 90 and E 120**.

PYRAN®S comes in a variety of designs and forms.

PYRAN®S ANTI-REFLECTIVE GLAZING

Offers clear visibility due to low residual reflection and up to 2 hours of additional protection in case of fire. The glass is coated with a hard, weather-resistant and multi-layered interference system. As a result, light reflection of 8% with an uncoated glass can be reduced to 1% using coated borosilicate glass.

PYRAN®S ANTI-REFLECTIVE GLAZING

Offers clear visibility due to low residual reflection and up to 2 hours of additional protection in case of fire. The glass is coated with a hard, weather-resistant and multi-layered interference system. As a result, light reflection of 8% with an uncoated glass can be reduced to 1% using coated borosilicate glass.

PYRAN®S BUTT JOINT SYSTEM

Can be used very easily in demanding architectural designs. A special silicone joint is used to join the panes of glass together without a frame. This helps create light, smooth sheets of glass that are virtually endless, and guarantees a clear view at all times without any disturbing vertical profiles. Simply ideal for applications in which fire protection needs to be combined with maximum visibility and minimal visual disturbances.



NAWALA

LAUGES BUILDING

SOLUTIONS PROVIDED

Suspended Bolted Facade system



NAWALA

FAZAL CERAMICS

CARS @ DUPLICATION

SOLUTIONS PROVIDED

Suspended Bolted Facade system

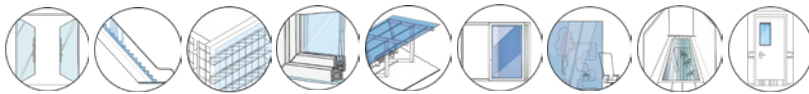
PYRAN[®]S **STRUCTURAL** **GLAZING**

Require no frame constructions whatsoever. This is the result of a perfect symbiosis between glass panes connected to each other by joints that are barely noticeable and point mounts and brackets that secure the glass panes to a strong, yet light, supporting structure. The panes remain permanently fixed in place, free of tension and without slippage under even the most extreme conditions, such as loads created by internal wind pressure or suction.

PYRAN[®]S **COMPOSITE** **SAFETY GLASS**

Has a laminate made of PYRAN[®]S and soda lime or single-pane safety glass can be used to meet special requirements for noise protection and protection against falls. (<https://www.schott.com/architecture/english/products/fire-rated-glass/pyran-s.html>)

APPLICATIONS



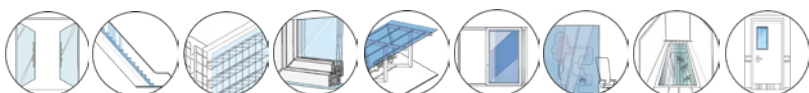
BULLET-PROOF **GLASS**

The bulletproof glass is a multi-purpose protective glass for structures such as banks, tellers and embassies that needs an additional level of security. It is designed to withstand one or many rounds of bullets depending on the firing weapon and the thickness of the glass.

Bulletproof glass is mostly made from multiple layers of tough glass with "interlayers" of various plastics. It comes in all shapes and sizes to give different levels of protection in different situations. Bulletproof glass reduces the velocity by absorbing the energy from the bullets.

Equipped with the industry's leading bullet-resistant glass range, our bulletproof glass options are designed to withstand the most demanding protection requirements from bullet impacts. With fully certified solutions based on the criteria laid out by the European EN 1063 norms and the American UL 752 norms, it pre-qualifies itself for all major contracts on security glazing. A special feature is the relatively thinner constructions due to the use of advanced interlayers. They can also be combined with coated glasses to suit the building exterior aesthetic and the entire range is also available in non-spall type. All our glasses are certified and tested from the leading laboratories in UK and USA.

APPLICATIONS



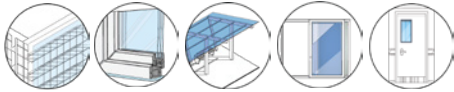
WIRED GLASS

Wired glass is a high-quality polished glass product created by embedding a steel wire mesh between two layers of molten glass in a continuous rolled process. Standard wired glass options include clear or obscure glass, with either a diamond or square mesh pattern. Ideal for decorative or architectural applications, our wired glass range comes a range of standard sizes and in four products styles: diamond or square wire mesh design, and clear/polished or obscure patterned glass).

Regarded for its flame-retardant properties, this clear or patterned glass with an integrated metal wire mesh holds the glass in place in case of breakage. Wired glass may be used as a fire-rated product in limited applications. However, this glass should not be used in applications that require safety glazing.

Benefits and properties of wired glass include fire-rated for 45 minutes with required hose stream test, prevents glass fallout when broken, withstands thermal shock and passes positive pressure ul10c testing standards.

APPLICATIONS

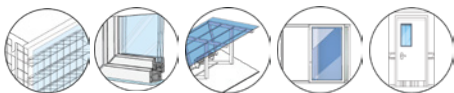


PATTERNED GLASS

Patterned glasses are an ideal solution to satisfy requirements of privacy while allowing to maintain true style. It also allows more light into internal rooms. Available in a range of attractive options, from classic to modern to contemporary, our patterned glass options allow maximum light in while maintaining your chosen level of privacy or obscuration, and also lends as an attractive decorative feature.

The patterned glass range is available in five privacy levels from Level 1 (least obscuration) to 5 (greatest obscuration). It's also available in both toughened & laminated versions for safety and/or security and is suitable for double glazing in both windows and doors and internal use.

APPLICATIONS

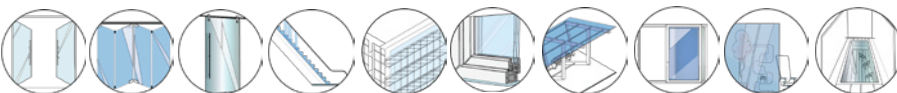


LAMINATED GLASS

Laminated glass is made by bonding two or more panes of glass with PVB interlayers to form a permanent bond. The interlayers work to support and hold the glass to create a strong, uniformed layer even when broken. Our laminated glass options come in varying thicknesses and can be created using different glass combinations or coatings to provide various performance levels ranging from safety and security to ballistic and blast-resistant. Laminated glasses also provide low emissions or increased insulation as well as the PVB interlayer absorbs up to 99.5% of UV light, helping to reduce fading and aging in furnishing and artwork. As such, laminated glass while providing a range of design choices can offer increased security, reduced emissions and noise pollution, increased safety and protection from natural disasters and retain broken glass fragments if the glass is broken, reducing risk of injuries.

Laminated glass can be used in many applications including curtain walls, facades, windows, overhead glazing, partitions, balustrades, floors, doors, furniture, aquariums, art galleries and museums.

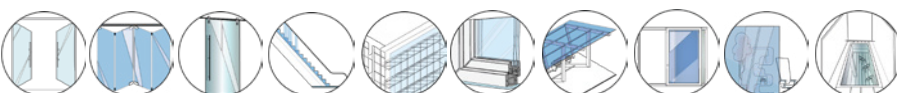
APPLICATIONS



MIRROR - ULTRA CLEAR & SILVER

To produce the finest mirror that creates a true reflection with virtually no distortion, attention-to-detail, the right glass and techniques are required. Using the latest technologies available, we are able to manufacture beautiful reflective mirrors, adhering to the highest standards, proven to be durable and long lasting. Reflections remain beautiful and true over time while providing protection against climate, chemicals, moisture and daily use for a lifetime of reflections

APPLICATIONS



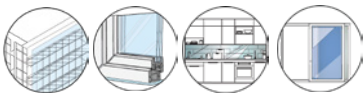
GLOBE CREATIONS

TINTED COLOURED GLASS

Coloured and tinted glasses are primarily used for aesthetic purposes. It is produced by adding small amounts of metal oxides to our high-performance float glass during the manufacturing process. The strength of the tint affects the overall performance of the glass, including privacy and heat-reduction capabilities.

Going beyond the aesthetic appeal, our tinted and coloured glasses that comes in an extensive range provides multiple performance benefits as well. While enhancing the appearance of a building façade, tinted and coloured glass improve the building's solar performance and aids to regulate a building's temperature as it is designed to absorb energy and has the capability to reduce glare, and offer unobstructed views. Furthermore, tinted glass is distinctive, reflective, and can make a statement. They can be used to form a curtainwall, and is most often used in commercial applications and are ideal for storefronts, atria, skylights, and also interior designs.

APPLICATIONS



Tinted glass can be also be used for home décor or in automotive and transportation applications and when tempered, can prevent breakage from high solar heat absorption.

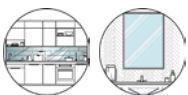
MIRROR - COLOURED (GREY & BRONZE)

Coloured mirrors are made by adding different powdered metal oxides, sulfides, or other compounds to the molten glass. A coloured mirror can be used to decorate an interior and bring an aesthetically pleasing look into a space. It can bring a unique style to enhance a living space.

Adding a pop of colour to an interior space is a great way to create visual interest and coloured mirror glass is an alternative to traditional interior décor.

Our coloured mirrors are made according to the highest standards and uses low-lead paints and emits very low quantities of volatile organic compounds (VOCs), including very low levels of formaldehyde. It is also easy to maintain as it is resistant to corrosion and cleaning agents.

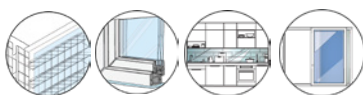
APPLICATIONS



COLOURED LAMINATED GLASS

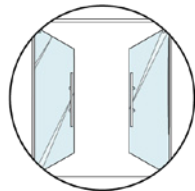
Coloured Laminated Glasses exclusively done by Globe Glass takes laminated glass to another level adding a dimension of ingenuity. Affording more versatility and design options, with over 30+ designs and coloured film to choose from, coloured laminated glasses provide that extra dimension for especially architects and designers, to customize a space according to their requirements. Coloured laminated glasses are also ideal for ensuring increased safety, reduced emissions and noise pollution.

APPLICATIONS



Legend

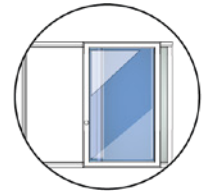
products and solutions



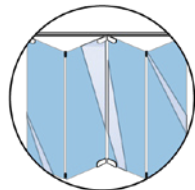
Frameless Swing
Glass Doors



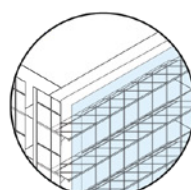
Frameless Shower
Enclosures



Fixed and Sliding
Windows



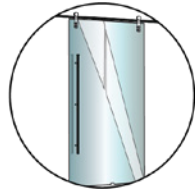
Frameless Sliding &
Folding Door
System



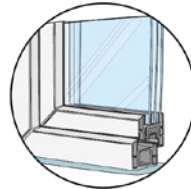
Structural Glazing
Curtain Wall system



Frameless Glass
Partitioning



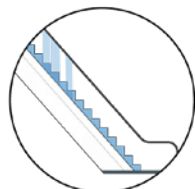
Frameless Sliding
Door Systems



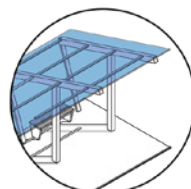
Insulated Doors &
Windows



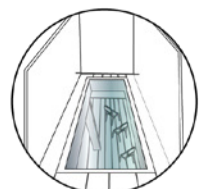
Vanity Mirrors



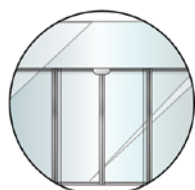
Glass Railing
Solutions



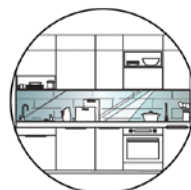
Canopy system



Glass Flooring



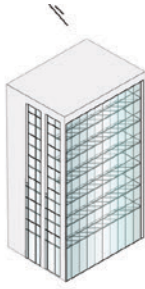
Automatic Sensor
Doors



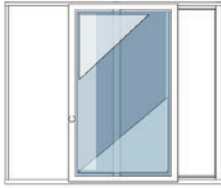
Backsplash
Designed & Coloured



Vision Panels for
Emergency Doors &
Similar Applications



Structural Glazing
Curtain Wall system



Fixed and Sliding
Windows



Vision Panels



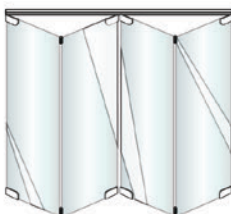
Vanity Mirrors



Automatic Sensor
Doors



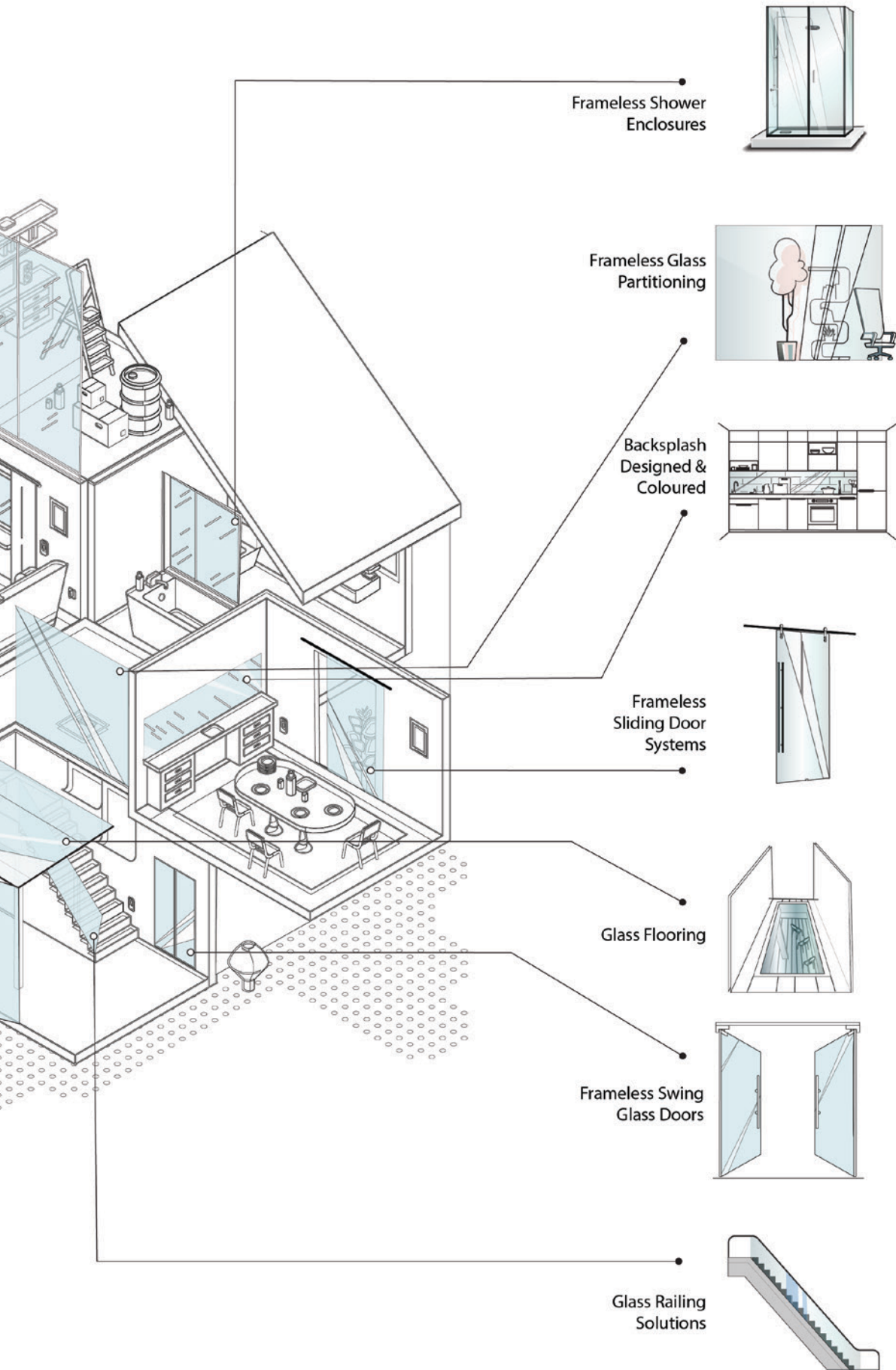
Canopy system



Frameless Sliding &
Folding Door System



Solutions





Columba
University
Tower

NAWALA

**FAZAL
CERAMICS**

SOLUTIONS PROVIDED

Suspended Bolted Facade system



COLOMBO

CINNAMON LIFE

SOLUTIONS PROVIDED

Suspended Bolted Facade system



WE ARE COMMITTED TO

Sustainability

CATERING TOWARDS A GREEN INDUSTRY

With the support of our valuable partners, we provide a range of glass options that cater towards greening the industry. Why should you, as a customer conscious of not only the environment but also energy costs look at,

Benefits of utilizing these glass products include

Better solar protection (lower g-value / Solar factor)

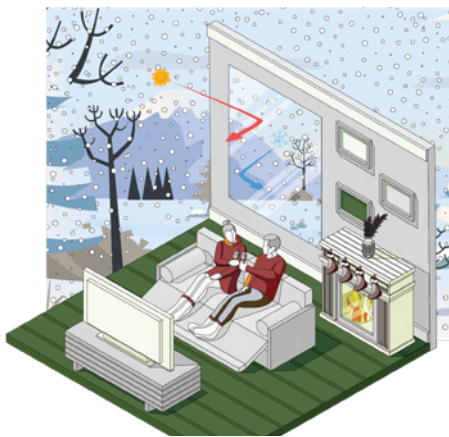
Lower reflection

No edge-deletion required

Single product for both annealed and tempered applications

Long shelf-life

Benefits of utilizing these glass products include



- Reduction in heat loss
- Reduction in condensation on the windows
- Reduction in cold spots in the room
- Reduction in down drafts around the windows

Hot weather climates



- Reduction in solar energy transmission
- Reduction in transmission of radiant energy (long wave energy during the daytime or night time)



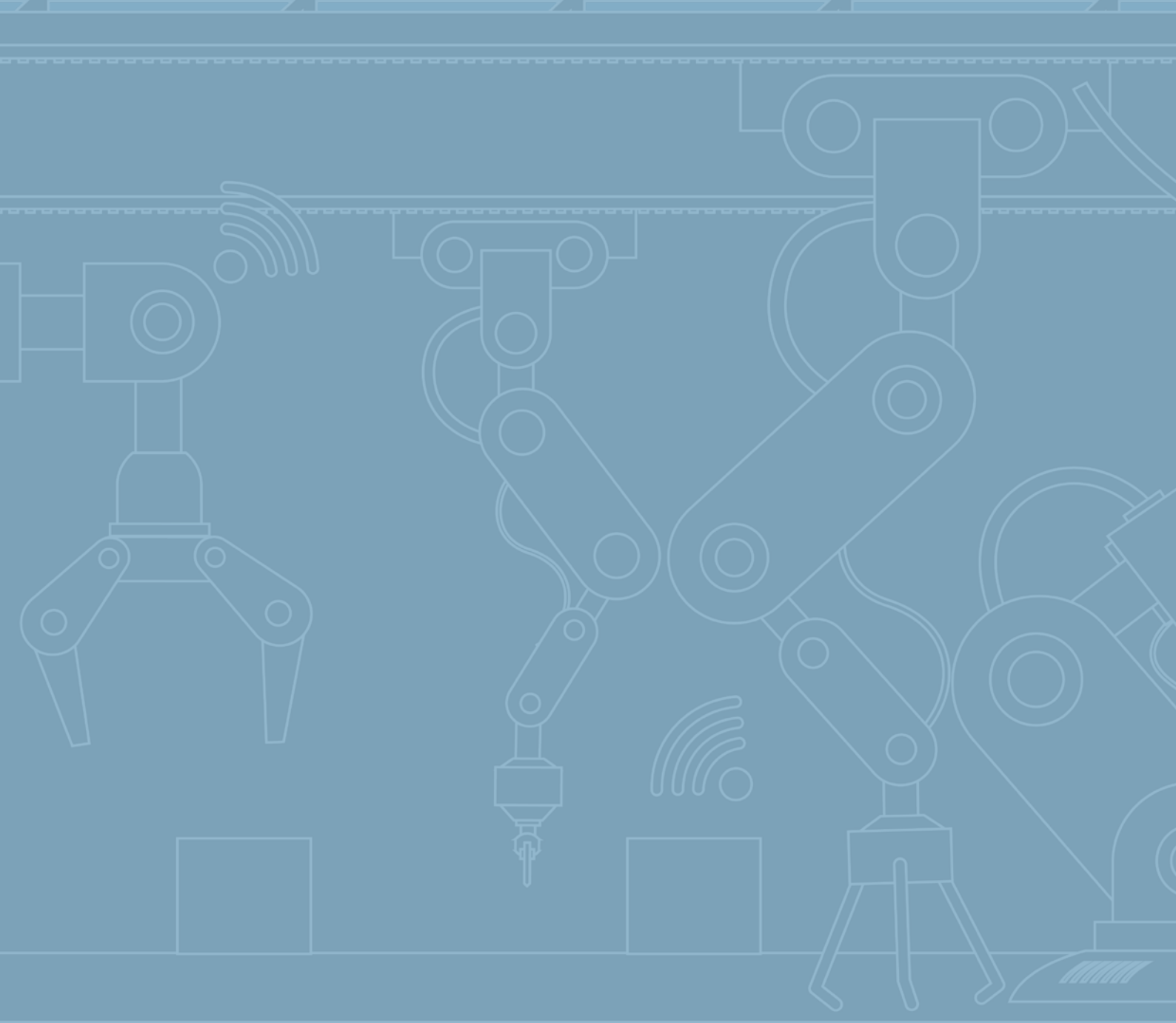
SOLUTIONS PROVIDED

Suspended Bolted Facade system



SOLUTIONS PROVIDED

Suspended Bolted Facade system



At Globe Glass we have always been at the forefront of innovation in terms of ensuring state-of-the-art facilities in Sri Lanka. The glass processing and manufacturing plant is the backbone of Globe Glass and has the capability of running large and small production lines, simultaneously. Machinery used are sourced from Europe and are of high quality, ensuring cutting-edge manufacturing and finishing technologies.

Our Factory

Our Processes

With the use of European technology and machinery, we process glass cutting in different sizes and shapes according to specified gauges and specifications. Our team with great attention to detail carefully works on immaculate designs, electronically, and then manages the glass cutting machine with close supervision.



World leading glass manufacturers such as Saint Gobain, Guardian and AGC Group, have certified Globe Glass as a leading glass processor in Sri Lanka



CUTTING MACHINE

Our Automated Cutting Machine from Bottero comprise of vacuum-suction and auto-sharpen features.

Not only that it has automatic glass loading and an advanced edge-deletion system as well.

The machine is outfitted with automatic selection for cutting and in-built hardware and software features for cutting different types of glass to meet various project specifications.

The machine can cut any shape of glass from 3mm to 20mm thickness, with ease and more power while being energy efficient.

CUTTING PROCESS

With the use of European technology and machinery, we process glass cutting in different sizes and shapes according to specified gauges and specifications. Our team with great attention to detail carefully works on immaculate designs, electronically, and then manages the glass cutting machine with close supervision.

EDGING

MACHINE

The Edging Machine is designed to carefully polish the edges of glass and mirror-based products.

It is precision-built to avoid chipping of glass and to carefully polish the edges of glasses of varying thickness. It has powerful robust grinding and an edging process to provide a fully flat glass with arising to fit any glass solutions.

The sturdy spindle design eliminates vibration during the grinding process. The automatic squaring device sticks to the square nature as well as the parallelism of glass pieces.



EDGING

PROCESS

Our Edging Process provides the perfect finishing and polishing required of a given glass fabrication for any application, be it commercial or industrial. The machinery involved in the process refines and smoothens the glass edges, bringing out the dimensional effect of the solution to perfection.

Certified for producing Green Building Glasses in Sri Lanka



“

At Globe Glass we have a fully established and equipped Projects Division, designated solely to provide consultation services and solutions for medium to large scale projects.

”



DRILLING MACHINE

The Drilling Machine incorporates innovative perfect drilling that precisely positions to bring out the specified gauge of the hole for the installation of the glass panel. It combines numerical control technology, to reach a high level of processing accuracy and automation to provide that perfect processing effect.

PROCESS

As sensitivity of glass drilling is relatively high for the functionality and installation of the product, our team of experts puts much attention to meticulously drill the holes of each glass product to meet the exact specifications. Superior industry-compliant machineries with diamond tipped drill bits are utilized to cut holes with great precision.

“The Project Division can expertly handle building efficiency calculations, glass visualizing concepts, heat reduction and sound-proofing solutions while efficiently allocating the budget.

”



WASHING MACHINE

This machine has the capability to wash and dry up to 1,500 flat or custom shaped glasses per hour. Coupled with a high performance washing machine, it is capable of cleaning the most stubborn stains at a minimal abrasion, whilst guaranteeing a clean and crystal clear glass.

“Globe Glass also provides 1 day service quotations for any requirements, free of charge.”

WASHING PROCESS

Our Edging Process provides the perfect finishing and polishing required of a given glass fabrication for any application, be it commercial or industrial. The machinery involved in the process refines and smoothens the glass edges, bringing out the dimensional effect of the solution to perfection.

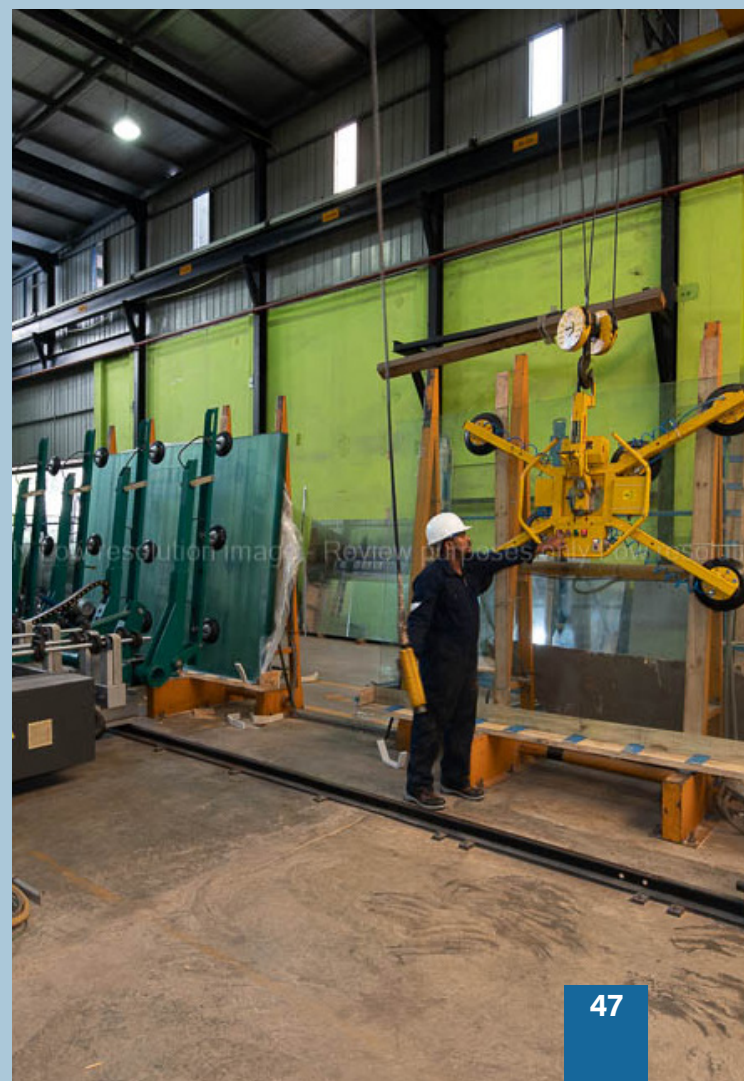
TEMPERING

MACHINE

The Tempering Machine from Glaston incorporating European technology has the latest heating technology that can output 150 square meters of tempered glass per hour. This machine utilizes a heating environment of 660 Celsius degrees to compress the glass surface and core, followed by a rapidly cooling effect, resulting in a high tensioned glass solution. This is important in providing a safer glass solution that shatters in smaller non-sharp fragments and granular pieces when damaged.

PROCESS

Advanced tempering ovens, built according to European technology, provide an accurate and intense heating effect that is needed to toughen the outer surface of glass with a tensioned core. Then it is subjected to a cooling effect in order to compress the glass surface and edges, eliminating the risk of shards when shattered.



DGU MACHINE

The DGU Machine from Best Makina can manage the insulation of glass heating and pressing processes with changing washing speeds of 0.7-3.5m/min. as well as processing double glazing glass with a maximum width of 2,200 mm. It has an automatic temperature control system and has a precision measurement system.



“

Only production plant in Sri Lanka, equipped with glass processing technology, to obtain ISO certified standards for glass processes.

”



DGU

PROCESS

In the DGU Process at Globe Glass, a wide range of flat and curved glass types used for various requirements is washed with advanced and qualitative machines that have different washing speeds. Based on customer demand or requirements we are able to use the modular washing process to achieve consistent cleaning results as well.



STK HEIGHTS

SOLUTIONS PROVIDED

Supply & install of

10mm tempered glass shower cubicles.

12mm tempered glass fixed panels & sliding doors.

6mm/8mm tempered glass for aluminum façade

12mm tempered for balcony handrail.

5mm mirrors.

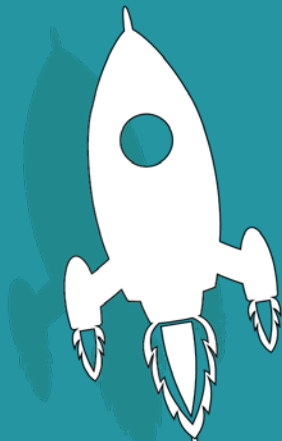


NAWALA



INTO THE FUTURE

we are concentrating on providing high quality and eco-friendly smart glass products to the industry to facilitate the reduction of energy costs and to green the industry.



The evolving expectations of our customers and partners, everchanging global trends and continuous advancements in technology signify that we at Globe Glass must constantly innovate to bring the very best in terms of products and services to our clientele. Accordingly, to meet this ever-increasing demand, we are currently in an expansion drive, looking at various avenues and ways to expand our products, delivery and service.

As a step towards this expansion, we at Globe Glass will look beyond our borders to venture into overseas markets. To this end, we are in the process of laying the foundation to initiate exporting glass products to the African, European and USA markets. We are already supplying Double-glazed and Triple-glazed units to USA and this export expansion will add many more markets to our repertoire. To gain an edge in the competitive glass market space in these complex markets, we at Globe Glass are in the process of obtaining SGCC (Safety Glazing Certification Council) and IGCC (Insulating Glass Certification Council) approvals for our products as well, ensuring that the very best quality is provided.

“

Efficiency, Dedication, Innovation and Sustainability will be the key ingredients in moving towards a brighter and secure future

”

Locally, with the upcoming growth of the construction industry, we at Globe Glass have already set forth steps to increase our production capacity with new machinery designed to cater to the growing demand. Furthermore, with the current increasing trend in moving towards sustainability driven material in the construction industry, brought on by concerns of global environment issues compounded by climate change, we at Globe Glass are in the path of improving our sustainable related portfolio in terms of products, services and manufacturing. There are pioneering glass products already available that can combine properties of reducing energy consumption in heating, cooling, and artificial lighting—all in one. Therefore, as a company who cares about the environment and our footprint, we are concentrating on providing high quality and eco-friendly smart glass products to the industry to facilitate the reduction of energy costs and to green the industry.

As part of our expansion drive in terms of technology, we will soon add to our machinery fleet a High-Pressure Autoclave Machine for “Heat Soak glass”. This will be a breakthrough addition to our already impressive collection of machines, as the heat soaking process serves to ‘weed out’ any sheets of toughened glass that are liable to spontaneous breakage. This heat soaking process will identify more than 95% of problem panes.

Efficiency, Dedication, Innovation and Sustainability will be the key ingredients in moving towards a brighter and secure future and with many new and exciting expansions and endeavours to look forward to, we at Globe Glass with the strength and support of our loyal and talented team are working hard to provide the very best!

