




**PHOENIX**  
FENESTRATION & GLASS

# COMPANY PROFILE

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Manufacturers of premium glass products

BulletBlok | ThermalBlok | PoolView | SoundStop | Reflect |  
ClearWalk | Tough | Lam



Phoenix  
Fenestration &  
Glass was  
established in  
2019.

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Justin and Dale Turck, who together combined have vast years of experience in the industry, head operations as Directors from 6 Estee Ackerman Street, Jet Park, Boksburg.

## About Us

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Phoenix Fenestration & Glass is a leading manufacturer of high-performing transparent materials that cater to, among others, the residential, commercial, mining, military, and security sectors. As a company, we recognize the importance of glass technology and the significant role it plays within each of these industry's. We understand that glass is an evolving material that can provide enhanced safety, security, energy efficiency, sound reduction, insulation, and aesthetic solutions to clients.

Our commitment to providing innovative and sustainable products has made us a trusted name in the industry.

At Phoenix Fenestration & Glass, we work closely with architects, engineers, and professional teams at the conception stage of projects to provide clients with customized solutions that meet their specific needs. Our ability to deliver tangible results has earned us a reputation for excellence in the industry. We are constantly under pressure to present clients with new products and opportunities, which has led to robust and longstanding relationships with industry experts both locally and internationally.

Our headquarters are located at 6 Estee Ackerman Street, Jet Park, Boksburg, and we are committed to providing exceptional customer service and support to our clients. With our focus on innovation, quality, relationship building, and sustainability, we are well known as leaders in the glass manufacturing industry.

# The Phoenix Difference

What sets us apart from the rest?

01.

## Passion

You will not meet another team more energetic and passionate about glass capabilities, service delivery and relationship building.

02.

## Perseverance

The leaders are actively involved in the day to day runnings of the business, with very much a hands on approach to everything.

03.

## Commitment

The company from top management through to every individual operates with the success of the customers' business in mind first and foremost.

04.

## Family

Being a family found business with family orientated values, you are seen as part of the family from day one.



# The Team

Meet the people "behind the glass"



More than associates, more than partners, more like family, your family in the glass industry.

# Our Product Range

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## Phoenix BulletBlok

Light weight high performing transparent anti intrusion and ballistic products.



## Phoenix Tough

Fully tempered/toughened glass meeting break-safe requirements for safety glazing.



## Phoenix ClearWalk

Annealed/toughened glass layers laminated together using polyvinyl butyral interlayers to provide rigidity for walk on capabilities.



## Phoenix Reflect

Copper free mirror for the transformation of a living area in your home or office.



## Phoenix ThermalBlok

Sealed Insulated Glass Units. Effective air-to-air thermal transfer reduction.



## Phoenix Lam

Safety glass manufactured by bonding two pieces of glass together using a unique polyvinyl butyral interlayer.



## Phoenix Poolview

Transforms and enhances pools which feature rim flows and viewing panels.



## Phoenix Extras

Additional relevant services such as Waterjetting, Sandblasting, Painting and more!





## Phoenix BulletBlok

Light weight, high performing transparent anti-intrusion and ballistic products.

Our ability to achieve light weight high performing transparent anti intrusion and ballistic products is based on longstanding relationships forged with our suppliers and a deep understanding of the importance of research and development in order to stay abreast of the latest developments in our industry.

Our ability to combine resins, acrylic, polycarbonate and glass configurations using PVB, EVA, SGP, and TPU Optical films has ensured an ability to produce light weight products that save lives and increase the comfort levels of the clients that we serve on a consistent basis.



## Phoenix Tough

Fully tempered/toughened glass is four to five stronger than annealed glass of the same type and thickness and meets break-safe requirements for safety glazing. Fully tempered glass, when broken, fractures into hundreds of small blunt particles and this is by design and is excellent proof of a well-tempered product, not of a defective product. It is this fail-safe characteristic of tempered glass that makes it an excellent product for safety glazing applications. Annealed glass is easily broken by mechanical stress, impact, and moderate thermal stress. PhoenixTough fully tempered glass will withstand much greater stresses than annealed glass before failure.



## Phoenix ClearWalk

While the versatility of glass shows itself everywhere (from windows in the home, to drinking glasses, to eyeglasses to decorative art pieces) it's certainly seen as strange novelty for most to step onto a glass walkway. Multi laminated glass allows natural light to pass through the floor, which adds to the ambiance of any space.

As natural light permeates the space, it creates different moods and forms a seamless transition between rooms. Glass can also be used in landings and staircases which adds even more visual appeal. Adding an artistic touch to the glass floor by sandblasting a design, utilising coloured interlayers, or ceramic patterns that are fused into the glass can create a spectacular effect.



## Phoenix Reflect

Phoenix Reflect is a copper free mirror, designed to make possible the transformation of a living area in your home or office.

Not only does it make a room look larger and give it depth, this mirror reflects light and brightens up bathrooms, walls, gyms, dance studio's and has many other applications.

Phoenix reflect features world class reflectance and if installed correctly features moisture and corrosion resistance. Available in 4, 5 and 6mm thickness in Silver, Bronze or Grey Tints.



## Phoenix ThermalBlok

Our SIGU's comprise of a primary seal (PIB) and a secondary seal using Polyurethane or Silicone. All SIGU's are fitted with a capillary tube which allows pressure inside the unit to equalize with atmospheric pressure by allowing air to flow in and out of the unit. While the spacer bar is a structurally strong material, the aluminium to glass contact point is a very efficient thermal conductor and can increase the potential for temperature differential between the centre of glass and the edge of glass, which can lead to condensation and reduce the overall thermal insulation (U-value) of the window



## Phoenix Lam

PhoenixLam glass products are all manufactured by bonding two pieces of glass together using a unique polyvinyl butyral interlayer.

This interlayer is placed between two sheets of glass and then bonded together in a pressure vessel by means of pressure and temperature and it is the PVB interlayer that ultimately prevents the glass sheets from shattering when broken.

Laminated glass also makes facades, windows and doors more burglar resistant, as it is far more difficult to gain entrance through the glass.



## Phoenix Poolview

Glass attracts immediate attention to almost any building, and often defines a structure's character – and transforms and enhances pools which feature rim flows and viewing panels.

At Phoenix Fenestration & Glass we take pride in glass as both a medium of function and design. Whatever project you are looking to undertake, we have the means of bringing out the beauty of glass to make it work for you.

As technology evolves the ability to create more bold glass structures and increasingly more transparent products is of the utmost importance to us, in fact it is an imperative.



## Phoenix Extras

- Waterjetting
- Sandblasting
- Painting
- Printing
- CNC Polishing
- Flush Glazing
- Export Quality Crating
- Bullet-Resistant Gunports and Speaksafes
- Pay Trays

# What a few of our clients think

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They have quality glass.  
They have great customer service.  
Nothing is impossible for them when it comes to glass.

I highly recommend them. If you want glass, Phoenix is the place to go.

**Tshepo Radinne**

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Our experience with Phoenix glass has only been outstanding. From pricing, deliveries on short notice, quality of end product and any assistance needed, someone is always there to help. Phoenix glass stands out for the service delivery and the team that makes it all happen. Keep it up guys!

**Leanne Mileham**

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Brilliant service with even better product. First hand experience with the managing team, never dropped the ball on any of our company's orders. Phoenix is they next generation of any type of glass you need. Thanks for keeping Mpumelelo2 Glass & Aluminium the happiest customer.

**Jacques van Zyl**

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The team at Phoenix are always ready to assist, they have a hands on approach with their clients and are passionate to provide you with solutions that can be backed by their experience and executed on time.. thank you for the continuous support.

**Johan Knobel**

