



IKON™
ALUMINIUM

Brochure

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DOORS



DOORS INFINITY SLIDER™

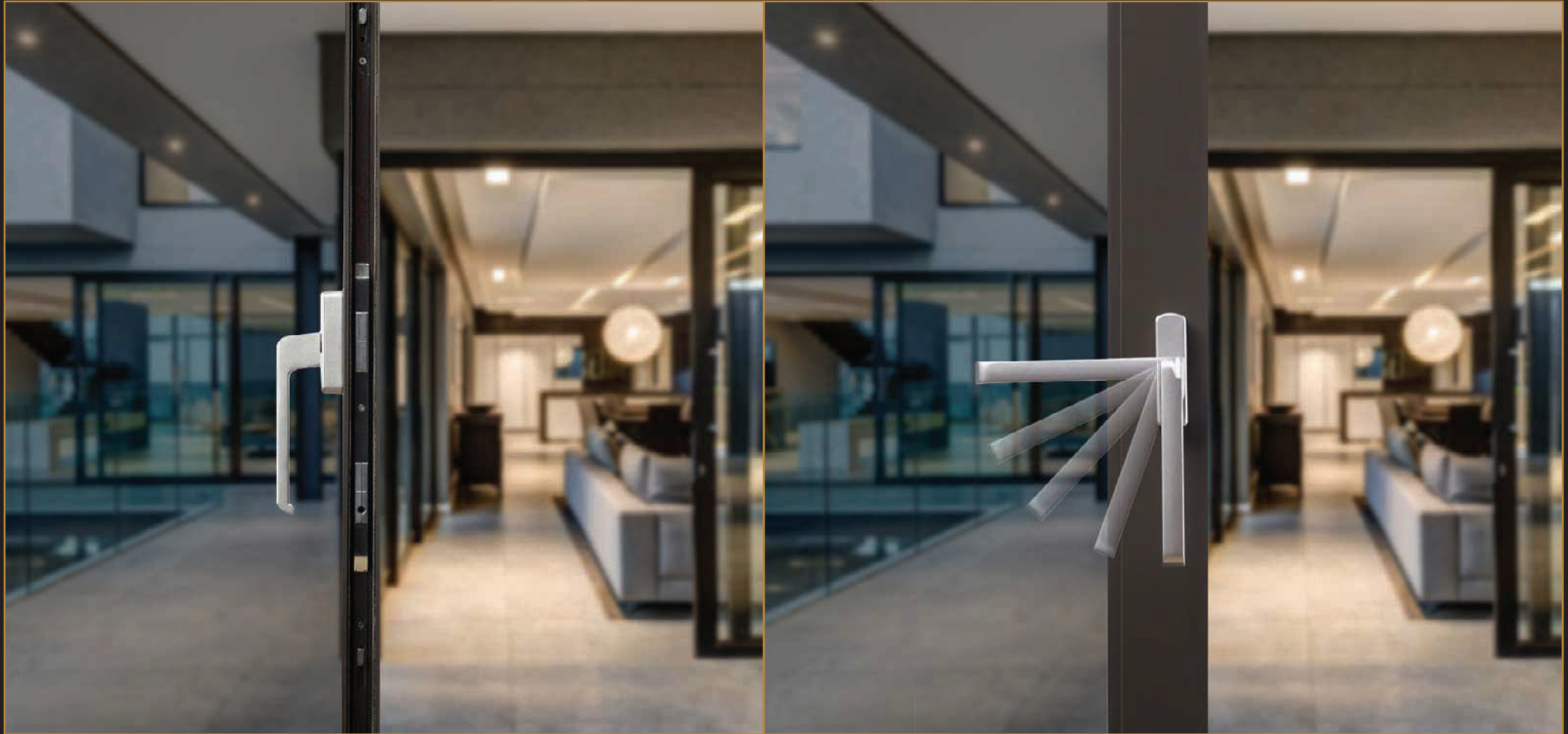
Our INFINITY Slider™ combines flawless operation and high weather resistance with an attractive design for effortless retraction of sliding doors and windows. These can be manufactured up to a height of 3.4 meters which allow for unparalleled panoramic views. In addition, the tried and tested four point lock guarantee's maximum security.

Main advantages:

- **Convenient and effortless operation due to innovative closing motion and heavy duty rollers that are engineered to sustain a weight of 300kg per panel. This allows for large format “glass walls” which blur the lines between indoor and outdoor spaces**
- **The 4 point locking mechanism provides the ultimate security barrier and peace of mind**
- **The stainless steel track maintains its like new appeal compared to the standard powder coated tracks which age quickly due to wear in even the most minimal use environments**
- **Large sliding panels can be realised of up to 3.4 meters high which allows for superior panoramic views**
- **A Modular Frame allows for an INFINITE amount of sliding panels with a variety of sliding directions**
- **Drainage channels with weeping holes in the sill were designed to direct water flow that gathers within the system to flow directly to the outside which ensures that water isn't trapped within the sill**
- **EPDM Gaskets are used to ensure minimal shrinkage is experienced. This achieves maximum resistance against air and weather infiltration**
- **Sliding panels stack flush with one another when opened in a single direction. This allows for a maximum opening and a clean, sleek aesthetic**



DOORS INFINITY SLIDER™



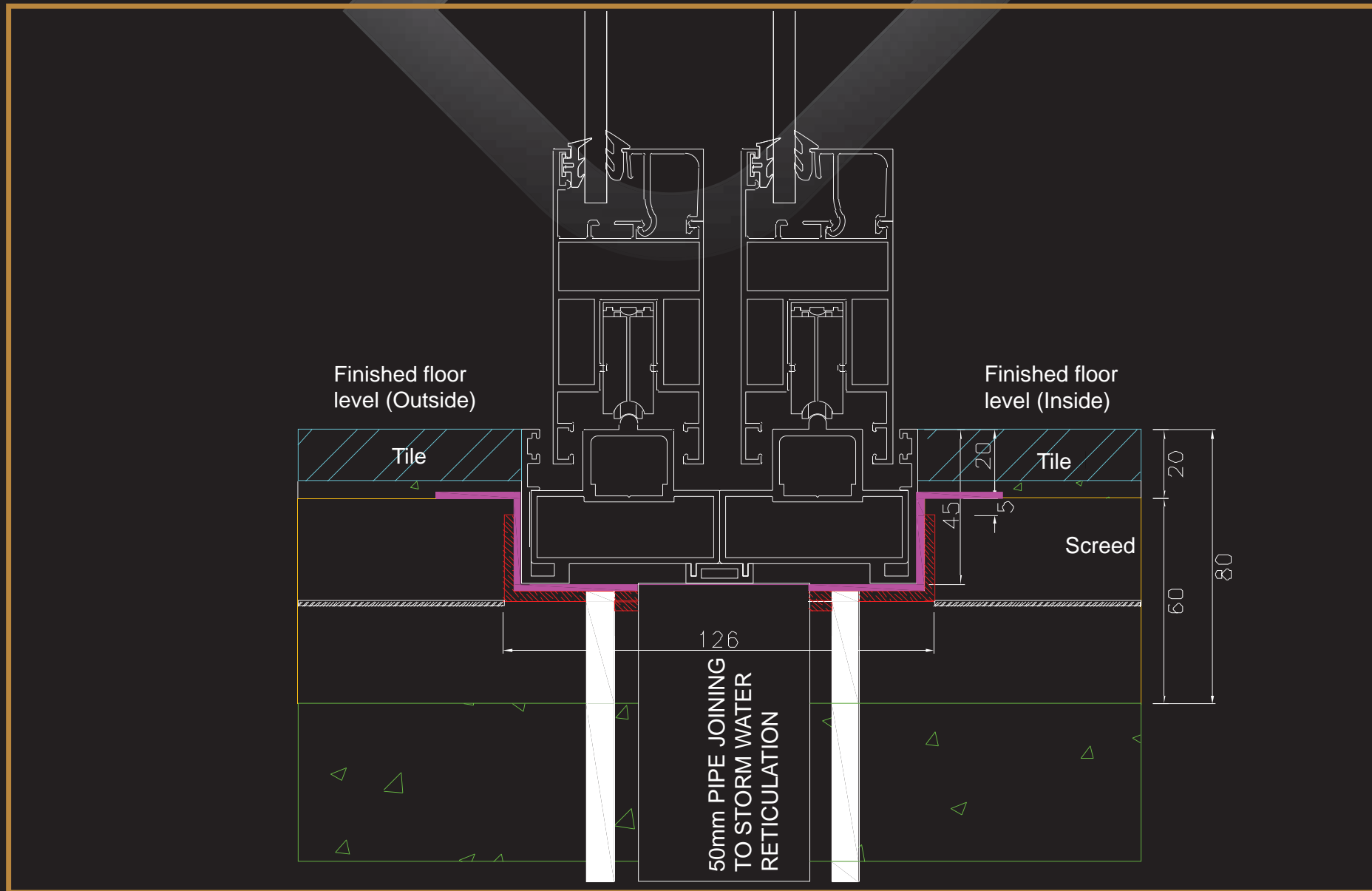
NEW INNOVATION™ - FLUSH SILL

With our innovative subsills and installation methodology we are able to achieve flush floor levels with our infinity slider™ creating a blur between indoors and outdoors of a home.

***NOTE:** In order to achieve this we will have to be involved in the design phase of your project as the stormwater reticulation would need accommodate additional outlets to address stormwater accumulation in our subsill.



NEW INNOVATION™ - FLUSH SILL



DOORS ROMA FOLDING™

Our Folding Stacking Door combines convenient operation, high burglar resistance with heavy duty hinges that complement the doors attractive design. The handle design will complement any premium home. The European design locks and fittings allow for the maximum security resistance and an unprecedented premium aesthetic for your home or commercial building. In addition to this the gaskets used throughout the system as well as the closed unit lever bolt outperform any door in the market with a high air and weather resistance.

Main advantages:

- **Convenient and easy operation with little effort**
- **Heavy duty hinges and European design locks and fittings**
- **High aesthetic appeal with premium hardware**
- **The 3 point locking mechanism provides the ultimate security barrier**
- **High Air and weather resistance due to gasket and closed unit rotary bolts**
- **The stainless steel track maintains its like new appeal compared to the standard powder coated tracks which age quickly due to wear in even the most minimal use environments**
- **Large sliding folding panels can be realised of up to 3.2 meters high**
- **Drainage channels with weeping holes in the sill were designed to direct water flow that gathers within the system to flow directly to the outside which ensures that water isn't trapped within the sill**



DOORS ROMA FOLDING™



DOORS NERO HINGED™

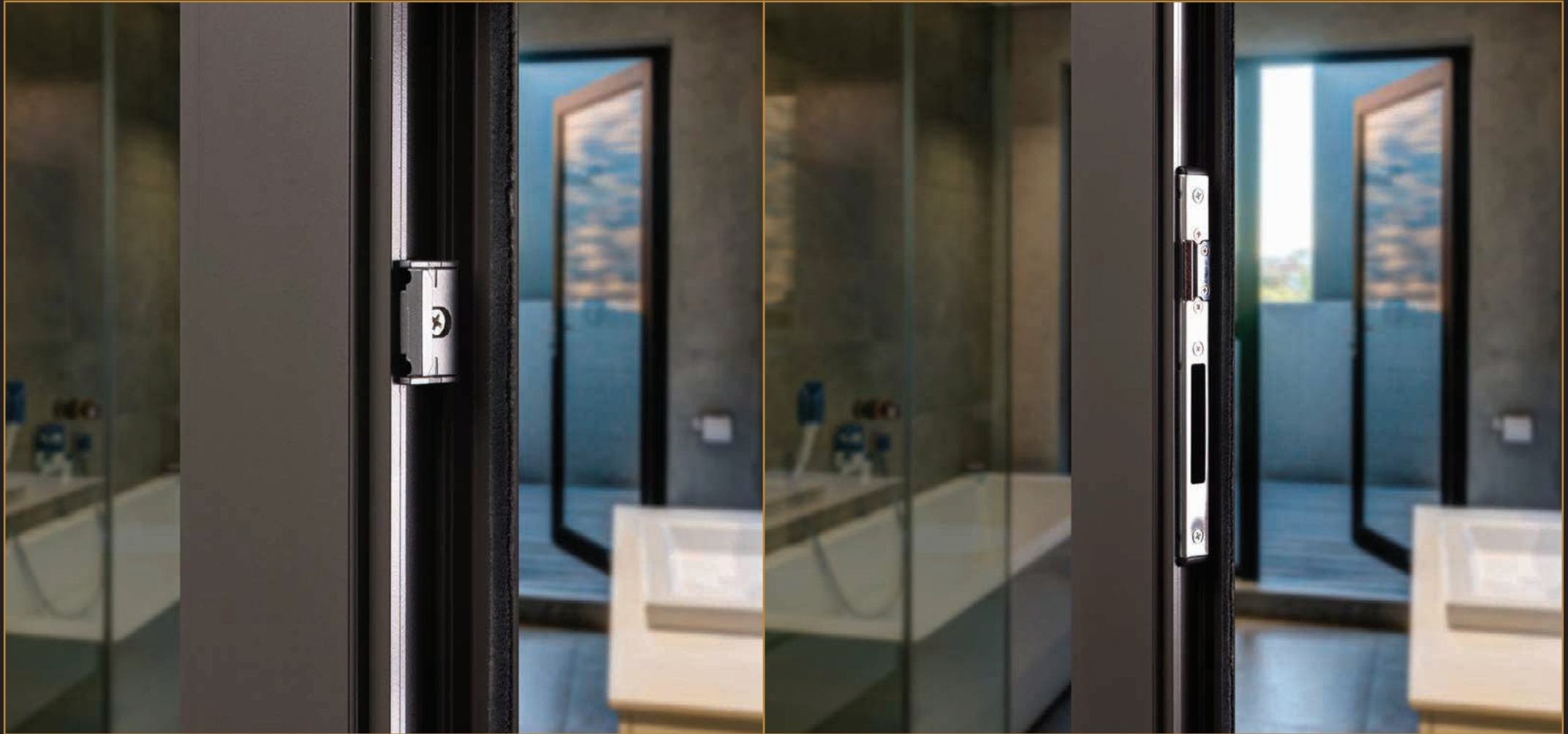
Our Hinged door combines convenient operation, high burglar resistance with heavy duty hinges that complement the doors attractive design. The handle design will complement the highest level of any premium home or commercial building. The European designed locks and fittings allow for the maximum security resistance and an unprecedented premium aesthetic for your Luxury home or commercial building.

Main advantages:

- **Convenient and easy operation with little effort**
- **Heavy duty hinges and European design locks and fittings**
- **High aesthetic appeal with premium hardware**
- **The 3 point Locking mechanism provides the ultimate security barrier**
- **High Air and weather resistance due to gasket and closed unit rotary bolts**
- **Large door panels can be realised of up to 1.2 meters wide and 3.2 meters high**
- **Drainage channels with weeping holes in the sill were designed to direct water flow that gathers within the system to flow directly to the outside which ensures that water isn't trapped within the sill**



DOORS NERO HINGED™



DOORS PIATRA PIVOT™

Our Pivot door is designed for luxury homes that are looking for a wow factor when receiving someone into their home. With its Italian 3 point multi locking point lock, the heavy duty floor spring with a 90 degree hold open function and soft closing mechanism. The handle of 2m long and cylindrical look and feel finishes the PIATRA Pivot™ doors bold appearance and presence it delivers for any premium luxury Home.

Main advantages:

- **Convenient and easy operation with little effort**
- **Heavy duty floor spring with 90 degree hold open function to ensure the door isn't slammed closed by the elements**
- **The floor spring performs a soft closing function**
- **High end aesthetic appeal with premium 3 point multi Lock**
- **Large door panels can be realised of up to 2 meters wide and 4 meters high**
- **Optional Automation**
- **A fitted drop seal for extreme weather resistance**





WINDOWS

WINDOWS

NOVA EURO CASEMENT™ - FRICTION STAY

The outward opening function frequently offers substantial benefits such as efficient ventilation and no disturbing sash in the room. With its large sash formats and optimised functions the Nova Euro casement™ delivers a premium finish that compliments luxury homes and commercial spaces.

Features:

- **High performance multi-chamber system in symmetric design, quality assured weather chambers ensure top performance against weather conditions**
- **Corner and butt joint connection Technology for high rigidity of frames**

Fittings:

- **lateral application for side-hung opening**
- **top-side application for top-hung opening**
- **Sash weight: up to 45 kg**
- **Sash formats (w x h): up to 1700 mm x 1700 mm**



WINDOWS

NOVA EURO CASEMENT™ - FRICTION STAY



WINDOWS

NOVA EURO CASEMENT™ - TILT & TURN

This window is effectively three windows in one: it serves as a fixed window, an in swing casement window and a hopper window. So in one configuration, you have a flexible window that swings as you would expect. This orientation also allows for easy cleaning on both sides of the glass while doubling as a good exit window in emergencies.

In the other configuration, the tilt allows in breezes, helps deflect rain and locks into place against potential intrusions. Heat escapes through the top and air enters and exits around the edges, facilitating draft-free ventilation. In other words: you can leave the window open when you are away without worrying too much about security or the weather. When you switch back to the locked position, you can also feel the multi-point locking mechanisms click into place (4 point locks). This provides further security and a completely air-tight weather seal. When the window is in this closed position, you are also left with an uninterrupted view through a single pane of glass, versus something like a traditional two-piece sash window which may split your view down the center.



WINDOWS

NOVA EURO CASEMENT™ - TILT & TURN



INSTALLATION METHODOLOGY

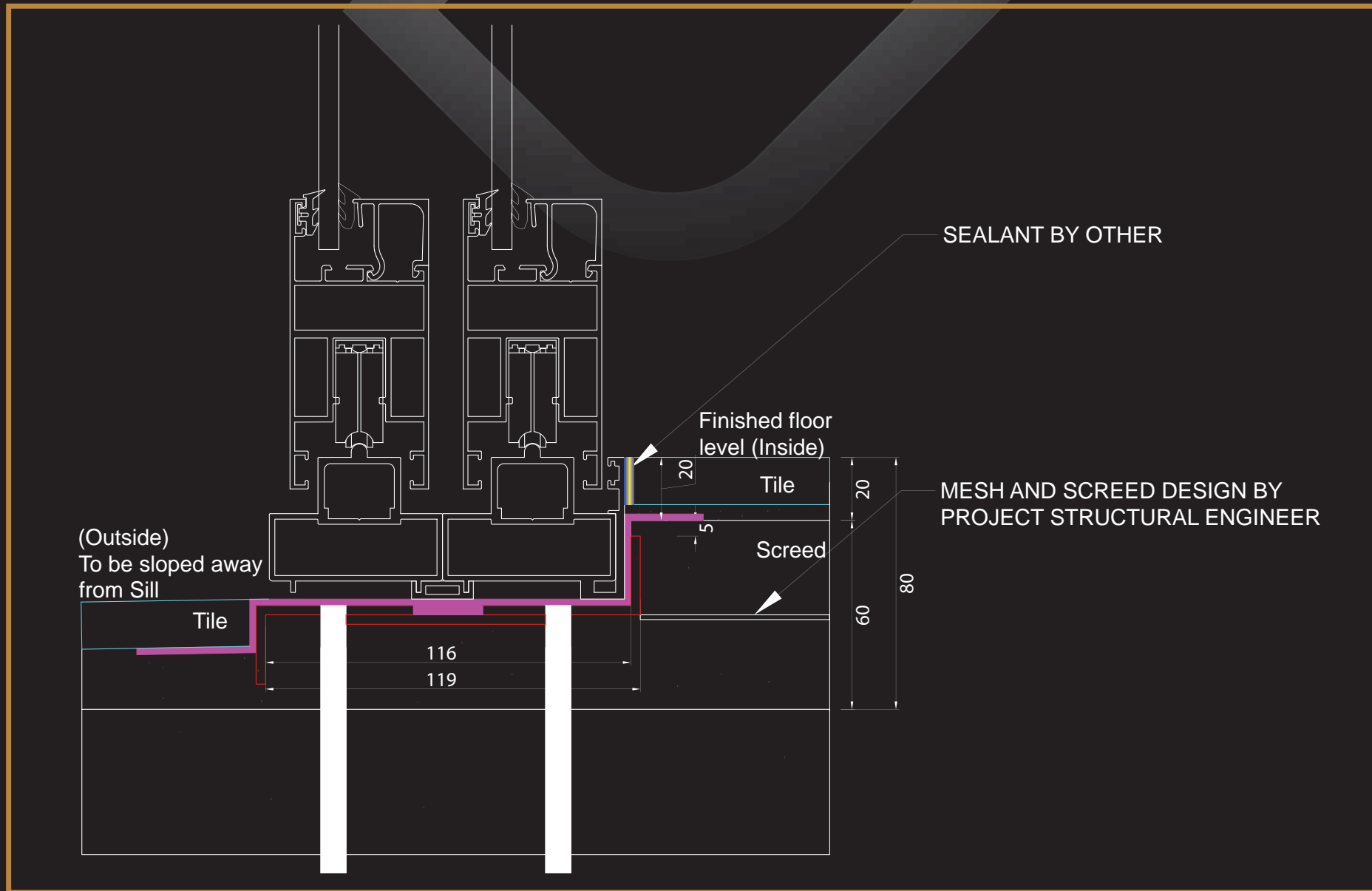
IKON Aluminium™ recommends best practice of installation methodologies to ensure that our products perform optimally without any unnecessary stress or friction on the Hardware and aluminium profiles.

This will ensure that our products perform BEST without unnecessary and frequent maintenance. In addition to this, leaking issues are also prevented.

These methodologies are based on European standards which are considered to be best practice around the world.



INSTALLATION METHODOLOGY



CURVE AND ARCH WINDOWS

The lines of curve and arch soften a space, create interest, and make a statement. Whether they are doorways, windows, and arches or purely external or internal design features, they are incorporated into the plans of a home with purpose and design sensibility.

In order to achieve the best possible finish, we have sourced the best CNC machinery to ensure that the arched and curved windows and doors are manufactured at an international level.



CURVE AND ARCH WINDOWS



POWDER COATING



We pride ourselves in offering the best product and highest level of care when the application is done. To add more value and a longer lifespan to your product, IKON has partnered with QUALICOAT licenced applicators to bring you a more durable powder coating which has a 15-25-year warranty against fading and peeling.

QUALICOAT is a quality label organisation committed to maintaining and promoting the quality of coating on aluminium and its alloys for architectural applications.

To determine whether or not a coating meets a customer's requirements, the results need to be measurable against technical specifications. Working on behalf of customers who have their products coated, QUALICOAT defines comprehensive quality requirements and monitors their compliance by licensed plants worldwide. This gives purchasers of coated aluminium the assurance that they will receive a premium-grade product delivering long-term value and consistent quality.

QUALICOAT's mission is to provide best practice rules to obtain a good quality coating on aluminium.

To achieve this goal, QUALICOAT is committed in particular to:

- **establishing specifications for processes, products and tests to be used by the coating plants**
- **developing and improving these specifications**
- **granting licenses to coating plants that apply for the quality label**
- **testing and approving chemicals and coating products to be used**
- **monitoring the correct application of the specifications in licensed plants**





PG SmartGlass®

PG SmartGlass®

Our X1™ single glazed range of laminated glass panes carries a range of specialised coatings. This allows homeowners to use more glass whilst complying with legislation and benefiting from safety, security, sound reduction and UV control. It is important to note that legislation compliance does not necessarily lead to thermal comfort. That is why we offer a range of different performance options that can be specified to manage different solar and thermal comfort requirements for your home.

Our X2™ double glazed range is constructed using two panes of performance glass. If you need the very best blend of insulation, light, energy efficiency and all round comfort, the X2™ range has you covered. You have the choice of using laminated glass to enhance the secondary benefits of safety, security, sound reduction and UV control.

	Single Clear	X1 E	X1 STD E	X1 ELITE	X2	X2 E	X2 STD	X2 PLUS E	X2 ELITE E	X2 SPUREIOR E
Visible Light %	88	83	60	43	79	60	67	52	54	69
U-Value	5.8	3.7	3.7	3.7	2.7	1.9	2.7	1.9	1.9	1.7
Solar Heat Gain Coefficient %	80	71	55	43	70	63	57	51	47	38

ABOUT US

IKON ALUMINIUM™

Founded in 2011, IKON has established itself as a leader in the high-end residential market for aluminium windows and doors. With a focus on exceptional craftsmanship and personalized service, our team has developed a range of innovative products that are designed to meet the unique needs of our customers.

From the beginning, IKON has been dedicated to providing the highest level of quality and customer satisfaction. That's why we have built a network of skilled franchisees who are trained to work closely with each individual client to ensure that their needs are met. Whether it's a simple window fitment or a complex custom installation, our team is dedicated to delivering the best possible result for every project.

Over the years, IKON has earned a reputation for excellence in the industry, thanks to our commitment to innovation and our dedication to customer satisfaction. From our state-of-the-art manufacturing facilities to our experienced installation teams, we have everything we need to deliver the best possible products and services to our clients.

We are proud to have played a role in the construction of some of the most beautiful homes in the World, and we look forward to continuing to serve the high-end residential market for years to come.



DECOREX
AFRICA
REIMAGINED

"HOMEMAKERS Fair

ABOUT US

MANUFACTURING FACILITY

2100m² Facility - Apex, Benoni.

All aluminium and glass products are custom made to the highest standard using the latest technology and equipment that is imported from Italy and Germany.



ABOUT US

IKON INNOVATION

IKON Innovation focuses on bringing you unique and innovative products, which we design and manufacture in-house together with our sister R&D Company INOVA Systems™.

We are not only aiming to be leaders in new innovation, but also at the forefront of increasing security whilst keeping all products aesthetically pleasing.

INOVA
SYSTEMS™

Working hand-in-hand with INOVA Systems™ we can design and deliver new window and door systems from CONCEPT TO INSTALLATION.



PORTFOLIO



RESIDENTIAL

STAND 341 - RYNFIELD ESTATE

- INFINITY Sliding™ door
- Nova Euro Casement™ windows
- Nero Hinged™ doors
- Nero Louvre doo
- Qualicoat class 2 Matt
Black Grey
- x1™ & x2™ Standard



RESIDENTIAL

STAND 341 - RYNFIELD ESTATE



RESIDENTIAL HOUSE B - BIRDAHVEN

- Louvre fixed windows
- INFINITY sliding™ doors
- NERO Double & single hinged™ doors
- INFINITY Cavity sliders™
- NOVA EURO casement™ windows
- Matt Jet Black powder coating
- Double Glazed Units, Premium insulation properties



RESIDENTIAL HOUSE B - BIRDAHVEN



RESIDENTIAL

HOUSE C - MEYERSDAL ECO ESTATE

- INFINITY Sliding™ door
- Nova Euro Casement™ windows
- Nero Hinged™ doors
- Qualicoat class 1 Matt Jet Black
- Low Emissivity glass



RESIDENTIAL

HOUSE C - MEYERSDAL ECO ESTATE



RESIDENTIAL HOUSE RR - RYNFIELD ESTATE

- INFINITY Sliding™ door
- Nova Euro Casement™ windows
- Nero Hinged™ doors
- Qualicoat class 2 Matt
Dark Umber Grey
- Low Emissivity glass



RESIDENTIAL
HOUSE RR - RYNFIELD ESTATE



RESIDENTIAL HOUSE V - RYNFIELD ESTATE

- INFINITY Sliding™ door
- Nova Euro Casement™ windows
- Nero Hinged™ doors
- Qualicoat class 2 Matt
Black Grey
- Low Emissivity glass



RESIDENTIAL

HOUSE V - RYNFIELD ESTATE



RESIDENTIAL HOUSE C - SANDOWN

- Superior sliding doors
- Casement windows
- Clip44 windows
- Matt Jet Black powder coated aluminium
- Standard glazing
- Stacking folding doors
- Frameless entrance pivot door
- Single hinged doors
- Patio sliding windows



RESIDENTIAL HOUSE C - SANDOWN



RESIDENTIAL

STAND 685 - SERENGETI GOLF ESTATE

- Superior sliding doors
- Casement windows
- Clip44 windows
- Umber grey powder coated aluminium
- Low e glazing
- Stacking folding doors
- Pivot door with double action floor spring
- Single hinged doors



RESIDENTIAL

STAND 685 - SERENGETI GOLF ESTATE



RESIDENTIAL

HOUSE M - HOUGHTON ESTATE

- Louvre fixed windows
- INFINITY sliding™ doors
- NERO Double & single hinged™ doors
- INFINITY Cavity sliders™
- NOVA EURO casement™ windows
- Matt Jet Black powder coating
- Double Glazed Units, Premium insulation properties



RESIDENTIAL HOUSE M - HOUGHTON ESTATE



RESIDENTIAL

STAND 43 & 44 - STEYN CITY

- Superior sliding doors
- Casement windows
- Clip44 windows
- Charcoal powder coated aluminium
- Low e laminated glazing
- Pivot entrance door with double action floor spring
- Single hinged doors
- Butt jointed corner windows



RESIDENTIAL

STAND 43 & 44 - STEYN CITY



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