

EUROPEAN GLAZING Bringing the outdoors in.

2023/2024 PRODUCT CATALOGUE



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EUROPEAN GLAZING Product Guide

VERTIFLEX FAMILY

Vertiflex Twin Vertiflex All Clean Vertiflex Up

TIARA FAMILY

Tiara 8 Tiara 10 Tiara Twin

SLIDER FAMILY Slidemaster 10

Slidemaster Twin SliderNext

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VERTIFLEX



Vertiflex automatic gullotine glazing system is a motorised remote controlled, vertical sliding, glass wall system.

The applications for Vertiflex is almost endless including:

- Hotels
- Restaurants
- Shopfronts
- Balconies/ Patios
- Cafes

Pool Fencing/ Balustrades



Technical Details	Description	Testing	
Panel Sizes	Maximum Width 4500mm Maximum Height 4500mm	Air permability tested to EN 12207	Class 3
Panel Configuration	2 panels 3 Panels	Water Tightness tested to EN 12208	Class 9A
4 Panels Glass Type - Clear standard 6mm + 10mm + 6mm Toughene		Impact resistance tested to EN 14019	Class 13/ E5
	6mm + 10mm + 6mm Toughened	Deflection tested to EN 1221/12210	+600 Pa: 47.5mm -600 Pa: 48.0mm
Acoustic/ Thermal	Viridian - Light Bridge Viridian - LightbridgeNEXT	Repeated pressure test to EN 12211/ 12210	+PA300/-PA301
Movement Mechanism	120 Newton Metre Motor Chain driven with capacity of 800KG	Safety teseting tested to EN 12211/ 12210	+ 900 Pa / - 900Pa

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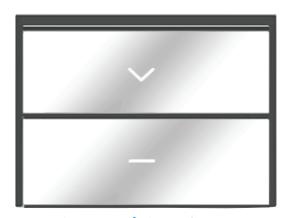


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Panel configuration

Vertiflex can be configured in 2 of three panels. In 2 panel configuration we can ensure that the panels finish to the relevant height requirements for balustrades.

2 Panels

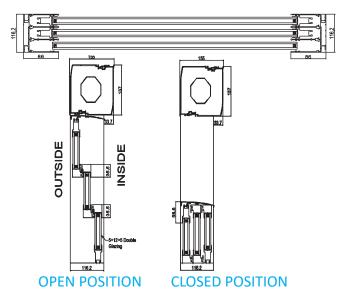


2 Panel Sections

3 Panels



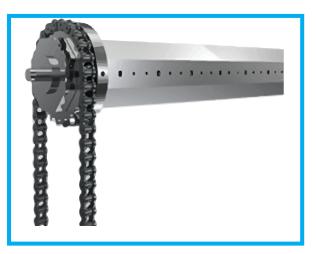
3 Panel Sections







Lifting mechanism



Vertiflex automatic gullotine glazing system uses a stainless chain with stainless steel sprockets fixed to galvanised octagonal tube. Each chain is rated at 400kg giving the system an 800kg lifting capacity using a 120Nm motor.

The system can be stopped at any height required and is programmed to open and close in completely open or completely closed position.

Home automation

Vertiflex automatic gullotine glazing system can be optioned with full home automation compatible with Alexa and Google Home.

For commercial use our system can be integrated with the Building Management System (BMS).

Multiple Vertiflex Units

A 5 channel remote control is supplied for all applications where there is more than one system installed. All sytems can be synchronised to operate as one or can be operated indiviually.





VERTIFLEX ALL CLEAN Motorised verticle glazing system

Vertiflex All Clean automatic gullotine glazing system is a motorised remote controlled, vertical sliding, glass wall system with ability to cleaned from the inside

The applications for Vertiflex is almost endless including:

🚯 Hotels

F

- High Rise Buildings
- Balconies/ Patios
 Pool Fencing/ Balustrades
- Cafes





Technical Details

Description

Panel Sizes	Maximum Width 4500mm Maximum Height 4500mm
Panel Configuration	2 panels 3 Panels 4 Panels
Glass Type - Clear standard	5mm + 12mm + 5mm Toughened 6mm + 10mm + 6mm Toughened
Acoustic/ Thermal	Viridian - Climatech Viridian - Light Bridge Viridian - LightbridgeNEXT
Movement Mechanism	120 Newton Metre Motor Chain driven with capacity of 800KG



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VERTIFLEX All Clean

How it works

Vertiflex All Clean automatic gullotine glazing system offers easy cleaning the outside face of all the panels from the INSIDE. With its patented locking and release system the front two panels release and open inward to allow cleaning of the outside face of the glass. This is an excellent option for high rise building and areas which have limited access or just too high to clean effectively.

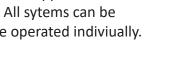
Home automation

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Multiple Vertiflex Units

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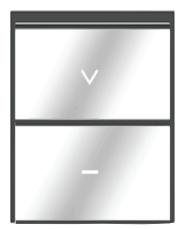


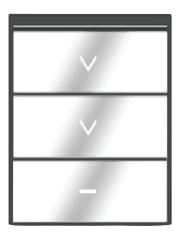
Panel configuration



2 Panels

3 Panels





Home automation

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Multiple Vertiflex Units

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VERTIFLEX UP

Motorised verticle glazing system

Vertiflex UP is the next generation of automatic gullotine glazing system is a motorised remote controlled, vertical sliding. The sliding panel move up and stacks at the top to provide unimpeded access. When closed offers the best views. This is perfect for pations to provide the protection from the elements and when not required can be left in the open position to allow passage.

The applications for Vertiflex is almost endless including:

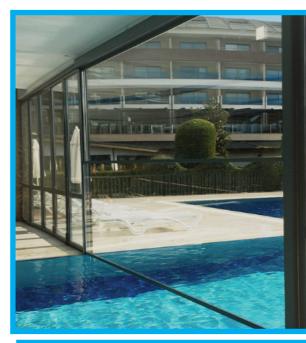
🐁 Hotels

Balconies/ Patios



Shopfronts

- Pool Fencing/ Balustrades
- Restaurants







Technical Details

Description

Panel Sizes	Maximum Width 4500mm Maximum Height 4500mm
Panel Configuration	2 panels 3 Panels
Glass Type - Clear standard	5mm + 12mm + 5mm Toughened 6mm + 10mm + 6mm Toughened
Acoustic/ Thermal	Viridian - Climatech Viridian - Light Bridge Viridian - LightbridgeNEXT
Movement Mechanism	120 Newton Metre Motor Chain driven with capacity of 800KG

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VERTIFLEX UP

Technical and Space Requirements

Vertiflex UP automatic gullotine glazing system can be installed in most applications where there is a need for direct passage. However the minimum height required to provide a clear 2.0m passages is 3.1m high however the system can be manufactured upto 4.5m in total height. Minimum width required is 2.50m. The applications are endless as they can be used as garage doors, shopfront openings, patios and event partitions within office areas for meeting rooms etc. All Vertiflex systems are chain driven via remote control thus provideing the utmost safety as there is no chance of slippage.

Home automation

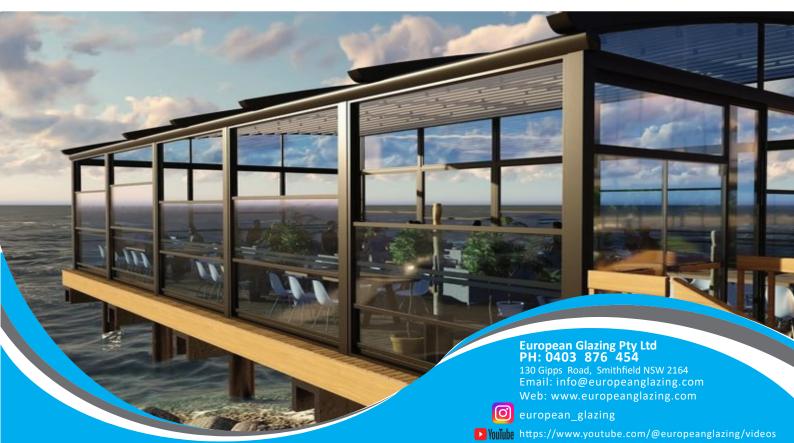
Vertiflex UP automatic gullotine glazing system can be optioned with full home automation compatible with Alexa and Google Home.

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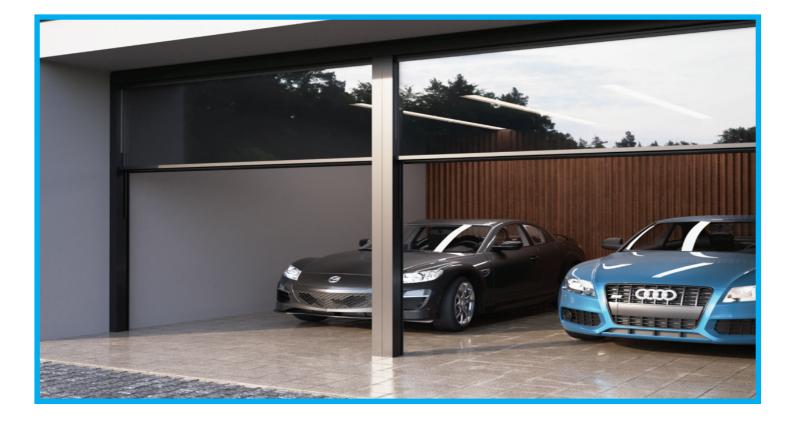
Multiple Vertiflex Units

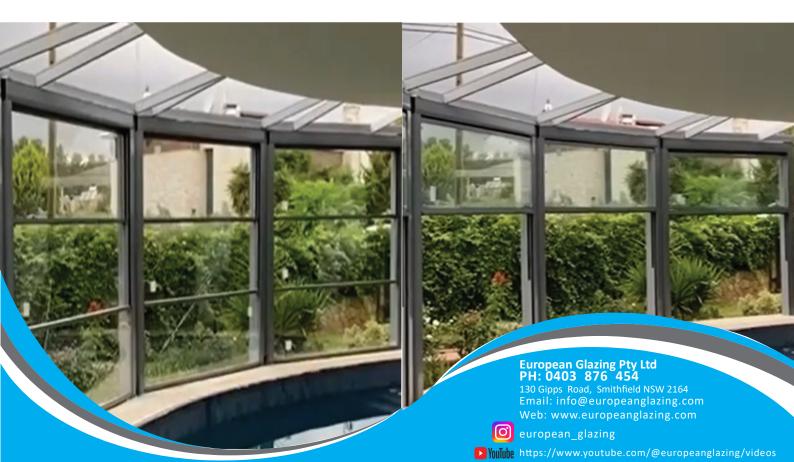
A 5 channel remote control is supplied for all applications where there is more than one system installed. All sytems can be synchronised to operate as one or can be operated indiviually.











SLIDEMASTER Dual Sliding Stacker Doors

Slidemaster is a dual sliding stacker door system, available in 10mm single glazed or double glazed. It has a minimalist frame design utilising quad rollers for a smooth sliding action. Available with multiple locking options and layout options, it really is second to none. Not only does the Slidemaster slide from either side the doors can slide past each other offering a very simple and easy cleaning ability.

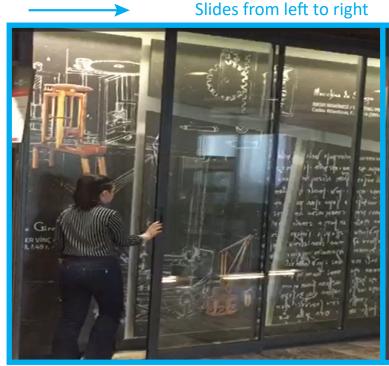
- Shopfronts
- Balconies/ Patios

Cafes

- Office partitions
 -) Once partitions
- Balconies/ Patios

Slides from right to left

Entrance and exit doors







Dual carriage rollers

Dual carriage rollers use on all slidemaster doors are constantly self adjusting to provide the smoothest rolling at all times

Technical Details

Panel Sizes	Maximum panel width 1500mm Maximum panel height 2800mm
Glass Type - Clear standard	10mm Clear glass for single glazed 4mm + 12mm + 4mm 5mm + 10mm + 5mm
Acoustic/ Thermal glass options	Viridian - Climatech 5mm + 10mm +5mm Viridian - Light Bridge 5mm + 10mm +5mm Viridian - LightbridgeNEXT 6mm + 8 + 6mm
Threshold Options	Standard 42mm Flat 15mm
Lock Options	Window Lock (inside use only) Double sided key lock

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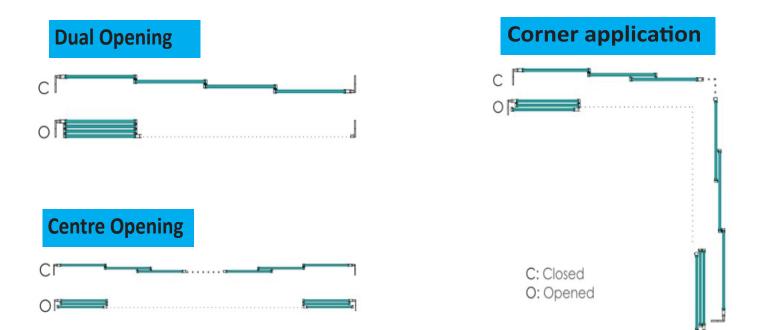
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Description

SLIDEMASTER

Layout configuration

Slidemaster can be configured in multiple ways for multiple applications. In a single line as a stacker door with dual sliding. The advantage is that your internal layout is not determined by the stacker doors, doors can be opened from both end to allow a nice air flow, the doors can be stacked on both ends allowing a central opening (great for shop fronts). Using the same width track of 123mm Slidemaster can be configured to meet in centre to cover openings of upto 12.0m. In addition a corner configuration can be designed with proprietary corner meeting profiles offering uninterrupted corners.



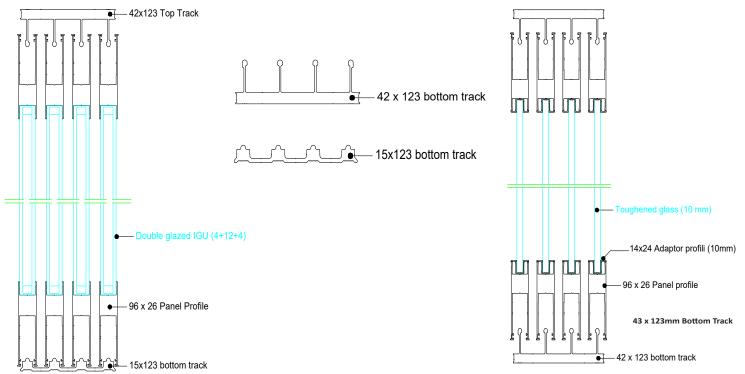


SLIDEMASTER



Slidemaster can be configured using two types of track. Slimline 15mm high track generally used for doors and high passage areas.

The 43mm high track is generally used when manufactured in window applications.



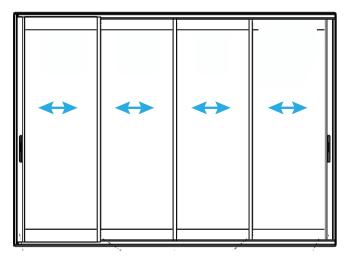




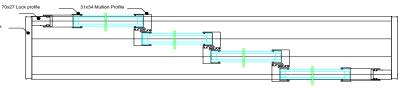
SLIDEMASTER



Sections and panel operation



Dual sliding stackers Easy cleaning Double or 10mm single glazed



Slidemaster Flat Twin / Layout section

Narrow backset parrot beak lock

The parrot beak lockset allows operation of doors from both the inside and the outside



Standard internal window lock

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The standard window lockset is operable only from the inside with automatic locking when set in the lock position



SLIDERNEXT The next generation is sliding stacker doors

SliderNext is the next generation in sliding stacker doors which gives you nothing but glass and full panoramic views, whilst providing protection from the elements.

The SliderNext All Glass uses 10mm toughened glass on a 5 track design. There are multitude of options when choosing your configuration for the SliderNext including centre meeting, side meeting and more. As with all of our SlideMaster family each system is dual sliding with a multitude of lock options.

SliderNext can be applied to numerous applications including:-

- 🕞 Hotels
- Shopfronts
 - Cafes

- Restaurants
- Balconies
- 🚯 Alfresco areas
- Main Entry Doors
 - Commercial and Residential
- Patios/ Entertaining areas





SliderNext provides the ultimate frame-less look whilst providing you the some of the best insulation from the elements from the 10mm toughened glazing.





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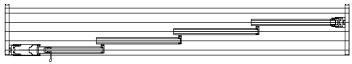


SliderNext has the best versatility of configuration and with the size limits and track options it can span openings in excess of 12.0m with one track.

Single track with optional locking systems



SMART LOCK SYSTEM



ESPAGNOLETTE LOCK HOOK LOCK SYSTEMS

Single track centre close option





CENTRE MEETING STILE





profiles used are second to none. Each system can be configured to individuals taste and requirements

Slider Next Flat 10 ALL GLASS B15158--60*115 TOP RAIL PROFILE B15083--11*123 SIDE PR. B15160--25*27 HORIZONTAL ADJUSTMENT PROFILE Hook Lock Inox Glass to Glass Lock Smart Lock B15161-21*26 LOCK-STRIKER PROFILE 10 mm Tempered Glass B15173--27*75 SIDE LOCK PROFILE B15184-36*39 HANDLE PULLING LOCK-STRIKER PROFILE 10 MM B15162--20*9 ARA ÇITA 10 MM PROFİLİ പ B15159--16*67 PANEL PROFILE 10 MM B15176--16*115 BOTTOM RAIL PROFILE ູລ **4 Point Espagnolette** Wall Lock Lock System Panel sealing system **Detail Section**

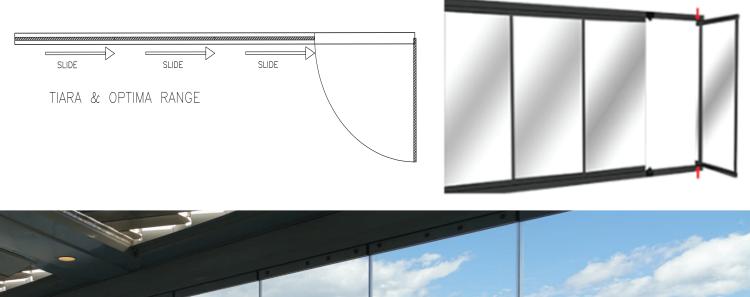


TIARA Slide and stack glazing system

The Tiara range is a unique slide and stack door system, available in 8mm or 10mm single glazed or double glazed. The single glazed range is manufactured with toughened glass and frame-less. The double glazed version comprises of various glass options dependent on your requirements with a combined glass thickness of 28mm. Both the single glazed and double glazed are available with three different threshold options as well as multiple locking options and layout options, it really is second to none.

How does the Tiara systems work

Tiara is the most versatile enclosure system on the market. Tiara is a track based system both top and bottom, where each panel (maximum 800mm) runs along the track and opens at the designated end. For larger openings two stacking areas are built on either side to allow the door panels to exit and stack. The main advantage of the Tiara range is the flexibility as you can open as many doors as required. The most impressive feature of the Tiara the ability to be constructed for curved areas as well as being able to go around corners. One clear advantage of the Tiara ranges over a traditional bi fold system is minimal intrusion into your space as the doors travel on a track before opening. Tiara gives you freedom on how many doors you open and they are not connected.





TIARA Single Glazed 8mm and 10mm

The Tiara single glazed range is available in 8mm glass and 10mm glass all toughened.

Technical Details Description **Technical Details** Description **TIARA SINGLE GLAZED 8mm TIARA SINGLE GLAZED 10mm** Maximum panel width 800mm Maximum panel width 800mm Panel Sizes **Panel Sizes** Maximum panel height 2400mm Maximum panel height 2800mm 8mm Clear glass 10mm Clear glass **Glass Type - Clear standard** 8mm E glass Glass Type - Clear standard 10mm E glass 8mm Tinted 10mm Tinted Standard 61mm x 42mm Standard 61mm x 42mm Flat 23mm x 100mm Threshold Flat 23mm x 100mm Threshold Zero (in ground) 25mm x 82mm Zero (in ground) 25mm x 82mm **Comfort Lock Comfort Lock** Lock Options Child Lock Lock Options Child Lock Glass to Glass Lock Glass to Glass Lock The Tiara range can also go around corners. European Glazing Pty Ltd PH: 0403 876 454 130 Gipps Road, Smithfield NSW 2164 Email: info@europeanglazing.com Web: www.europeanglazing.com european_glazing

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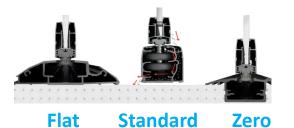
Where can I use the Tiara System

Tiara can used in a multitude of applications whether it is residential, retail or commercial.

- HotelsShopfronts
- Cafes

- Restaurants
- Balconies/ Patios
- Office partitions

Thresholds available



Optional Aluminum Joiners

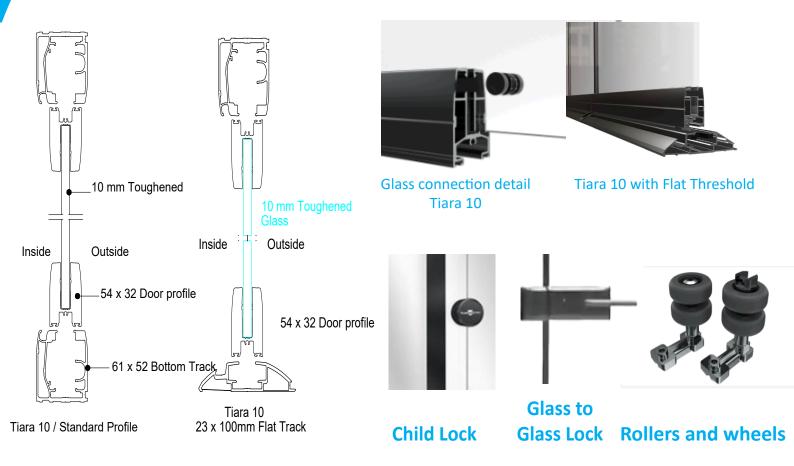


Standard joiners for all single glazed Tiara range is the PVC clear joiners. We also have aluminum Powder-coated joiners available to option.



TIARA Single Glazed 8 and 10

Below is section details for all the Tiara Twin sections and connections.





TIARA Tiara Twin - Double Glazed

Tiara Twin is a double glazed version of our Tiara range. As with all our Tiara range the configurations are almost endless, with the ability to be installed in curved, right angular and segmented applications. The design of the Tiara Twin offers complete isolation from the elements including:



🔢 Rain



Tiara Twin uses a espagnolette lock securing to both the top and bottom tracks providing additional security. The 28mm glass track section offers many different options for the double glazing all the way up-to the Viridian Lightbridge Next with either 6.52mm or 8.52mm glass.

Technical Details	Description
Panel Sizes	Maximum panel width 800mm Maximum panel height 3000mm Maximum opening size 14.0m
Glass Type - Clear standard	Total width 28mm 4mm + 20mm + 4mm 5mm + 18mm + 5mm
Acoustic/ Thermal glass options	Viridian - Climatech 6mm + 16mm + 6mm Viridian - Light Bridge 6mm + 16mm + 6mm Viridian - Lightbridge Next 6mm + 16 + 6mm
Threshold Options	Standard 61mm x 42mm Flat 23mm x 100mm Zero (in ground) 25mm x 82mm



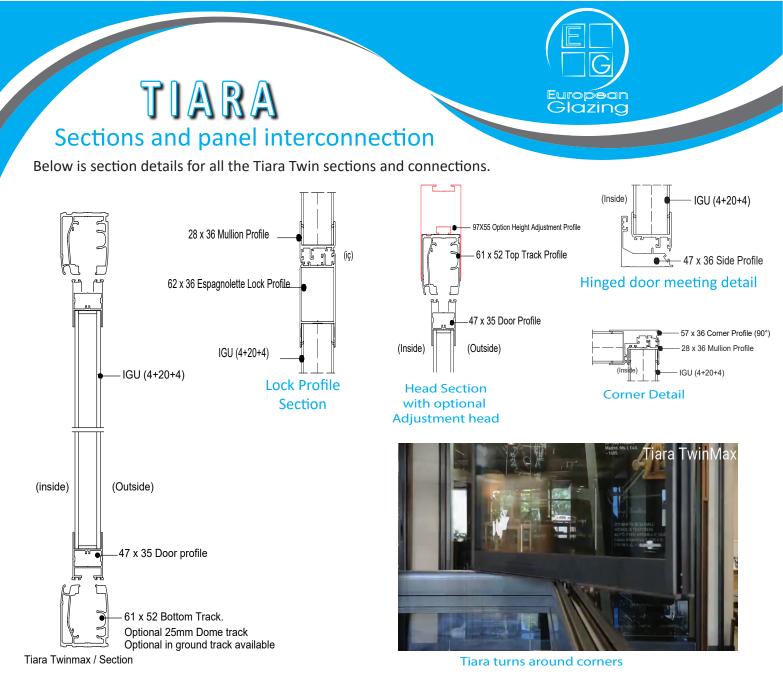
Double Glazed



Espagnolette Lock









LINERA The next generation in Balustrades

The Linera balustrade system is the next generation in heavy duty balustrades. Tested and certified the Instituto Giordano in Italy the Linera is manufactured using two layers of toughened glass 8 + 8 with a custom laminate amounting to a total of 17.52mm glass thickness.

Linera can be mounted flush on top of the finished floor, or inset into the floor or can be retro fitted to outside of your balustrade. It offers a unique adjustment system allowing up to 40mm of adjustment (20mm each way). The system is suitable for glass height of 1300mm and also offers optional top rail with LED light insert.

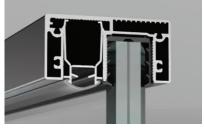
Installation options



Top rail options - Standard



Top rail options - with LED light



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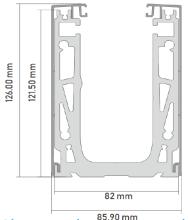


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Components of the Linera balustrade system



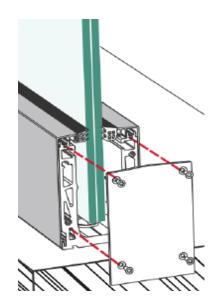
Shoe and cover panel sizes



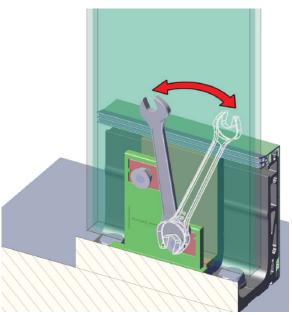
Adjustment components



Assembly components



Stainless steel end cap



Adjustment system

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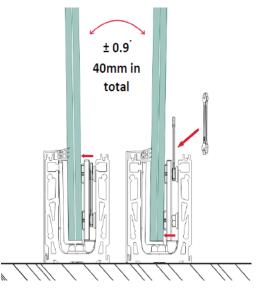
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LINERA The next generation in Balustrades





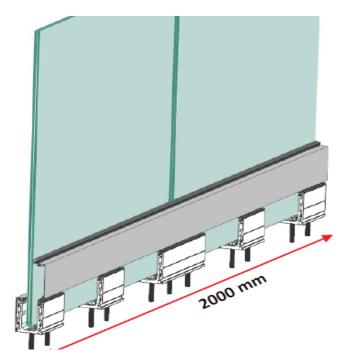
Water extraction method



Adjustment system



Fully assembled balustrade



Installation method

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