

www.signaturestairs.ie



Signature Stairs



Exquisite Designs | Exceptional Detail



Signature Stairs

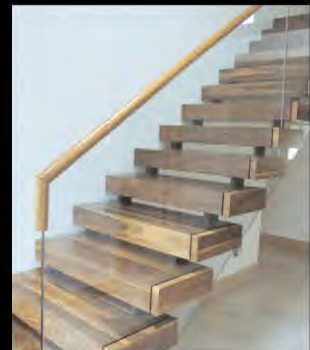
The **Signature Stairs** range offer homeowners a unique opportunity to make a real statement in the interior design of their home.

Each stairs represents a beautiful combination of functionality and design, combining traditional crafts and modern materials with spectacular results. Homes are given a sense of openness and luxury with the use of custom products from our range of free standing glazing, stainless steel & glass balustrade, uniquely designed solid steps and contemporary style stairs including central spines and cantilever stairs.

Signature Stairs is a division of Killamey Precision Engineering Ltd. and leverages over 20 years of experience in commercial and domestic architectural metalwork. ISO approved quality, exacting standards and a highly qualified staff ensures Signature Stairs offer our clients a complete service from site survey to final installation.

Client's homes are surveyed prior to 3-dimensional drawings of their project are generated for approval. Their custom built stairs is then manufactured before one of our specialists fitting teams installs the finished product.

All products from the range are building regulation compliant. We insist that all our stairs are not only beautiful but also robust enough to give a solid underfoot feeling and are built to last generations. To ensure that solid underfoot feeling particular attention is paid to the structural design and fixing method of each stairs.



exquisite designs
exceptional detail



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For more information and to take a tour of our online galleries log on to www.signaturestairs.ie



Cantilever Stairs Specialists

New build or renovation projects we have the structural solution.
Full service provider from site survey to installation.



CANTILEVER



GLIDER



EQUILIBRIUM



INCA



CORBELLIAN



CURVED/TURRET



PALLADIAN



BAALUSREADE



EXTERIOR

For Quotes

Email your plans and your choice of Signature Stairs to

info@signaturestairs.ie

and we will be happy to supply you with a quotation



Tiernaboul Industrial Estate, Killarney, Co. Kerry.

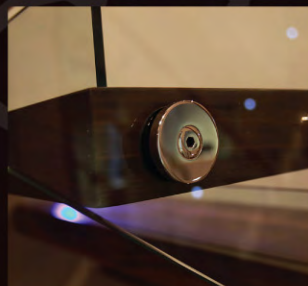
T: (+353) 064 663 2055

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CANTILEVER

The Cantilevered stairs has no visible stringer and steps appear to float from the wall. Combined with glass risers and suspended glass balustrade this stairs is a stunning focal point.



CANTILEVER

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- Cantilever stairs require significant structural support and are therefore installed using one of two methods in the majority of cases. Either a mild steel stringer to a structural wall (block-on-flat or RC wall) or a mild steel structural frame which can be installed in place or in front of a non structural block-on-flat or timber partition wall.
- **Mild Steel Frame:** Steel steps are hung from a metal box frame. This frame replaces normal timber or block partition walls and is clad by the client once installed. Allow 100 mm for the frame and 35 mm for insulated slab for cladding.
- The frame must be bolted to the sub-floor and adequately secured to the underside of the first floor. A concrete first floor is preferable but if timber frame, joists must run parallel to the metal frame and additional cross braces may be required.
- **Mild Steel Stringer:** A heavy mild steel plate and steps are bolted to a structural wall (block on flat) and plasterboard clad by client.
- Once the frame/ stringer are in place and walls are clad, the primed mild steel steps are clad with 20 mm solid timber thread plates and enclosed using a veneer cover plate to the underside of the step. If required, glass rises are used to comply with building regulation openings.
- Clear toughened glass balustrade is fixed to steps using either a stainless fixing detail or a concealed timber finish. Matching gallery railing will be top or face fixed depending on site conditions.
- Handrail options to the glass can be timber or stainless steel 'sleeve, top fixed onto the glass.



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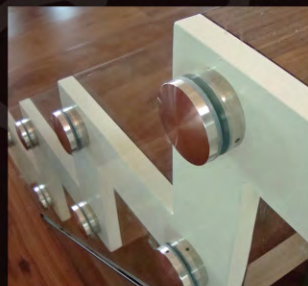
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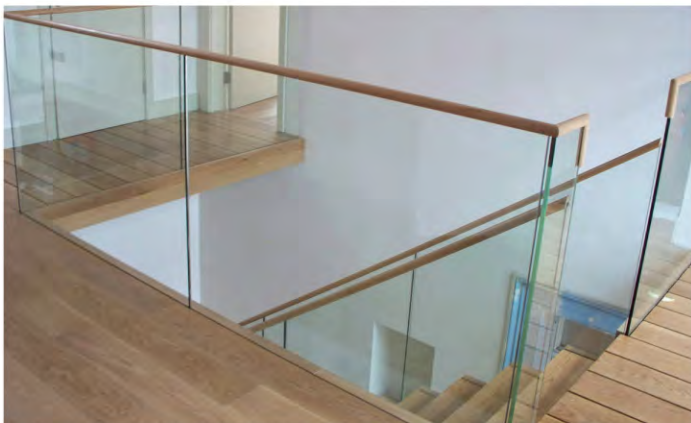
EQUILIBRIUM

Offset stringers and open rise steps give this stairs an individual look that demands attention. This stairs lends itself to free standing balustrade but can be combined with any of our stainless steel and glass balustrade options.

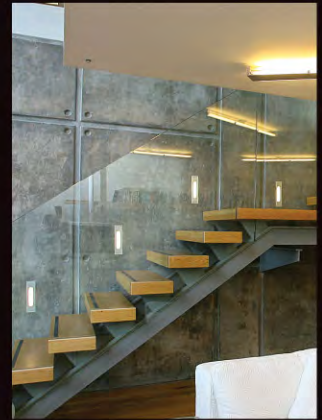


EQUILIBRIUM

- Mild steel solid, profile cut stringer which is either fully or partially exposed.
- All mild steel is filled and primed ready for finish painting by client.
- Open rise steps can be fully open or have a glass riser or a metal divider.
- Clear toughened glass balustrade is fixed using either a stainless fixing detail or a concealed timber finish.
- Matching gallery railing will be top or face fixed depending on site conditions.
- Handrail options to the glass can be timber or stainless steel 'sleeve, top fixed onto the glass.



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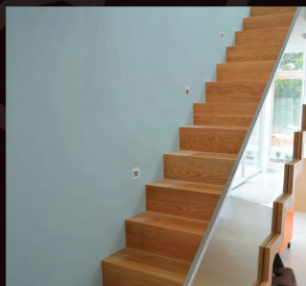
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CORBELLIAN

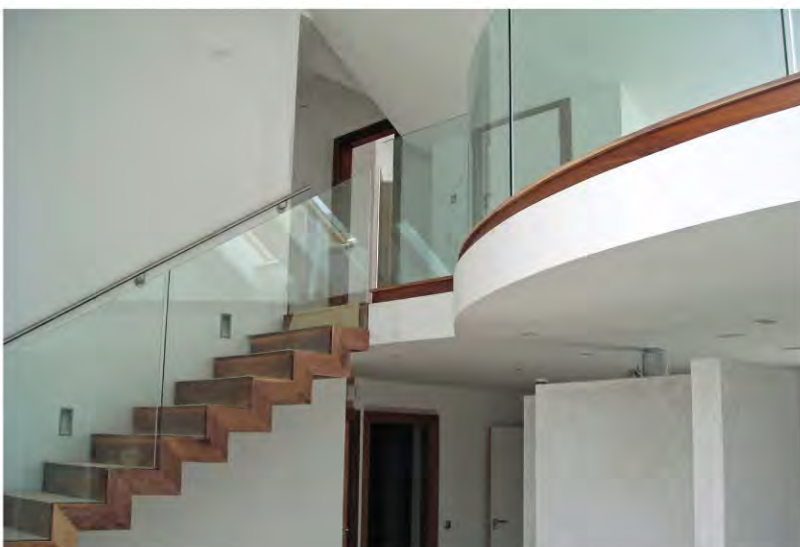
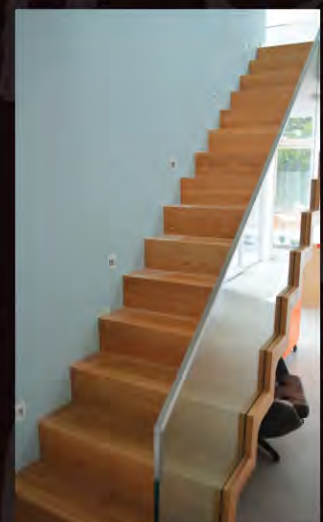
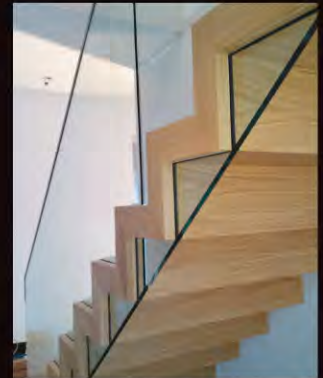
A beautifully crafted stairs, its shape was inspired by the Neolithic process of stacking flag stones to create a self supporting structure. The structural design ensures a solid underfoot feeling while keeping the profile of the steps as narrow as possible.



CORBELLIAN

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- To create the slim design while maintaining the solid underfoot feeling when walking the stairs, similar to our cantilever option the Corbellian stairs require significant structural support. They are therefore installed using one of two methods in the majority of cases. Either a mild steel stringer to a structural wall (block-on-flat or RC wall) or a mild steel structural frame which can be installed in place or in front of a non structural block-on-flat or timber partition wall.
- **Mild Steel Frame:** Steel steps are hung from a metal box frame. This frame replaces normal timber or block partition walls and is clad by the client once installed. Allow 100 mm for the frame and 35 mm for insulated slab for cladding.
- **Mild Steel Stringer:** A heavy mild steel plate and steps are bolted to a structural wall (block on flat) and plasterboard clad by client.
- Once the structure is in place and walls are clad, the primed mild steel steps are clad with 20 mm solid timber threads & risers and finished with matching veneer to underside. Solid timber, profile shape outside cover-plate.
- Clear toughed glass balustrade is secured to the steel structure of the stairs and is finished with polished edges throughout.
- Handrail options to glass balustrade can be matching timber or stainless steel 'sleeve', top fixed directly down onto the glass.



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GLIDER BOX or FIN-PLATE SUPPORT

Called 'Glider' because of their inviting central spine supports and wedge steps, they seamlessly glide from ground floor up, perfect when looking to give a contemporary style to a home.



GLIDER

- **Box Support:** Mild steel central spine stringer approx 120 mm square with similar box material supports to underside of mild steel thread plates.
- **Fin-Plate Support:** Mild steel central spine stringer approx 150 mm square with 10 mm fin-plate supports to mild steel thread plates.
- All stringers & supports will be filled & primed finish, ready for finish colour by client.
- Gliders are suitable to fit most of the 'Signature Stairs' balustrades but the fin-plate is most commonly installed with 'Elegant Killarney' or 'Glenflesk' railing and the Box support with free standing glass balustrade.
- 'Elegant Killarney' Balustrade is fabricated using 304 grade, high brushed finish stainless steel, 50 mm dia uprights and handrail with pin & post detail from upright to the handrail. There is also a stainless pin & circular clamp to the clear toughened glass infill panels (polished edges throughout). This railing is generally top fixed into the steps of the stairs.
- 'Glenflesk' railing is similar to 'Killarney' above but with 'D' clamps to the glass infill panels.
- Free standing glass is clear toughened, with polished edges throughout. It is side fixed to the stairs steps and a timber cover plate is used to conceal the fixing detail on the outside.
- Open rise steps in agreed timber choice. 20mm solid timber cladding on top side of metal thread plates with a veneer cover-plate to underside if box support used. To ensure building regulation 100 mm opening to rises steps may have a lip up and down at front and back.
- Matching gallery railing – top or face fixed depending on site conditions and balustrade used.
- Handrail options for the glider include rebated, round timber or stainless handrail fixed directly on top of FSG. Also a floating, timber or stainless steel can be used to FSG balustrade. In the case of 'Elegant Killarney' & 'Glenflesk' the standards stainless handrail can be replaced by a predrilled stainless flat plate which is covered by a rebated timber handrail.
- Central spine stairs will in many instances require supports legs. Clients will be given instructions on how best to prepare for installation to ensure fixing details, supports etc can be concealed easily after your stairs is fitted.

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INCA

The profile cut stringers are cleverly designed to support the free standing glass balustrade giving this stairs a distinctive look and a great sense of light and space.

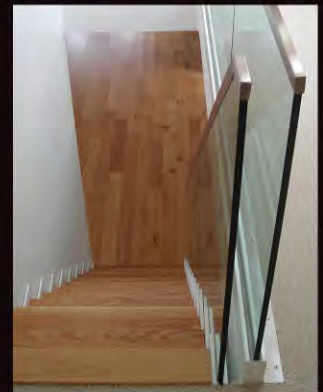
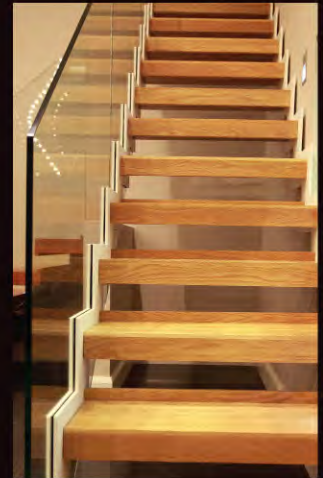


The INCA

- Mild steel, profile cut plate stringers. The stringers can also be straight cut.
- Stringer will be filled & primed finish, ready for finish colour by client.
- Clear toughened glass balustrade is held between the two outside stringers.
- Inside stringer will be installed as close as possible to finish plastered wall. Given that the majority of finish plaster walls are not completely uniform a shadow gap is usually required.
- Open rise steps (unless requested closed) in agreed timber choice. 20 mm solid timber cladding on top side of metal thread plates with a veneer cover-plate to underside. Building regulation 100 mm opening to rises.
- Clear toughened glass balustrade will have polished edges and be one side only unless stated.
- Matching free standing gallery railing – top or face fixed depending on site conditions.
- 304 grade stainless steel sleeve handrail which sits directly over the top of the free standing glass balustrade & gallery railing.
- Clients will be given instructions on how best to prepare for installation to ensure fixing details can be concealed easily after their stairs is fitted.



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PALLADIAN

This traditional style stairs is given it's own uniqueness when combined with one of our stainless steel and glass balustrades. Handrail can be timber finished and steps may be open or closed risers.



PALLADIAN

- Mild steel plate stringers.
- Stringer will be filled & primed finish, ready for finish colour by client.
- Palladian are suitable to fit any of the 'Signature Stairs' balustrades but most commonly it is installed with 'Elegant Killarney' or 'Glenflesk' railing.
- 'Elegant Killarney' Balustrade is fabricated using 304 grade, high brushed finish stainless steel, 50 mm dia uprights and handrail with pin & post detail from upright to the handrail. There is also a stainless pin & circular clamp to the 10 mm clear toughened glass infill panels (polished edges throughout). This railing is generally top fixed into the steps of the stairs.
- 'Glenflesk' railing is similar to 'Elegant Killarney' above but with 'D' clamps to the glass infill panels.
- Open rise steps in agreed timber choice. 22 mm solid timber cladding on top side of metal thread plates with no cover to underside unless agreed. Building regulation 100 mm opening to rises.
- Matching gallery railing – top or face fixed depending on site conditions and balustrade used.
- In the case of 'Elegant Killarney' & 'Glenflesk' the standard stainless handrail can be replaced by a predrilled stainless flat plate which is covered by a rebated timber handrail.
- Clients will be given instructions on how best to prepare for installation to ensure fixing details can be concealed easily after their stairs is fitted.

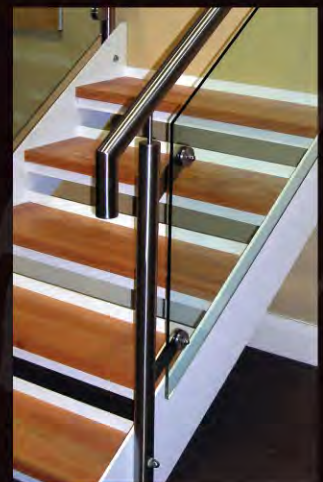


Elegant Killarney



Glenflesk

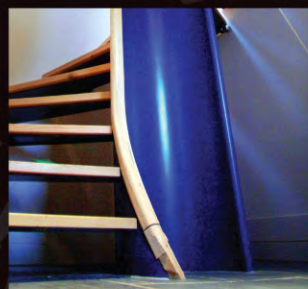
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TURRET

This classical style curved stairs is given a new lease of life with spectacular vertical stainless steel balustrades making it a stunning feature in a home.



TURRET

- Mild steel curved and raking stringer plates with mild steel thread plates.
- Threads plates clad with solid timber finishes to at least a depth of 22 mm with 10 mm risers.
- If required, provision can be made to underside of structure to ease plasterboard cladding by client.
- All stainless steel used is grade 304, with a high brush finish.
- Parallel, flat, stainless steel uprights with solid horizontal mid bars and solid vertical infill.
- Uprights may finished with timber infill.
- Matching Gallery Railing with a stainless handrail which can be also in a timber finish.

CURVED

- All curved stairs must be made to an exact radius.
- Mild steel curved and raking stringer plates with mild steel thread plates.
- Rises can be open or closed with threads plates clad with solid timber finishes.
- If required, provision can be made to underside of structure to ease plasterboard cladding by client.
- Most of the railings from the Signature range can be used on a curved. Depending on the radius of the curve the stairs curved glass panels may or may not be suitable.

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Signature Stairs

Visit our online showroom



Oak



Cherry



Walnut



Mahogany



Maple



Steamed
Beech



Ash



Red Oak



Wenge



Stained
Oak

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Irish made stairs

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