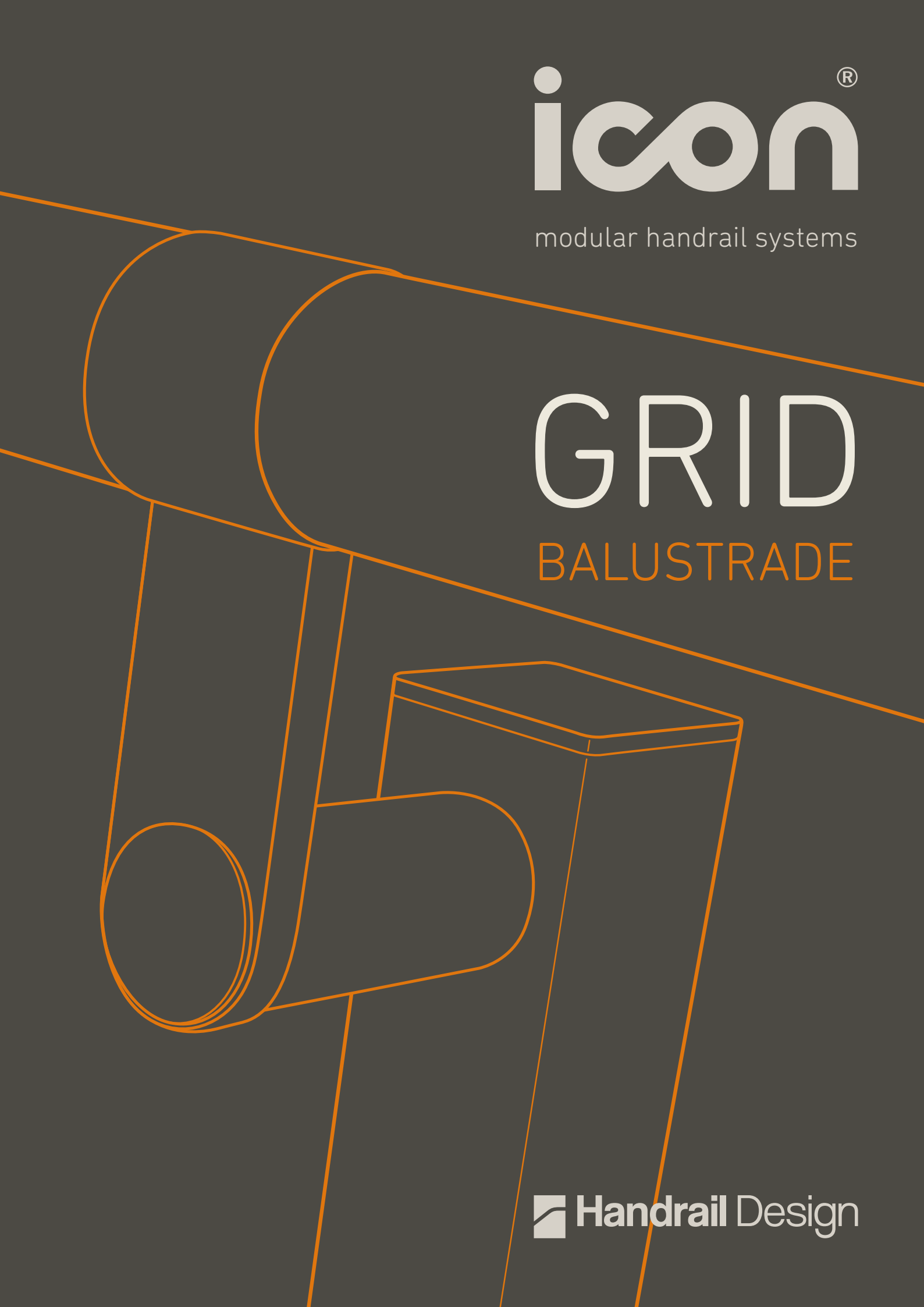


An orange line art illustration of a handrail system is positioned on the left side of the page. It features a horizontal rail with rounded ends, supported by a vertical post and a square base. The lines are clean and modern, matching the overall aesthetic of the design.

icon®

modular handrail systems

GRID

BALUSTRADE

 Handrail Design



icon[®]

modular handrail &
balustrade systems

designed and manufactured
in the UK by Handrail Design

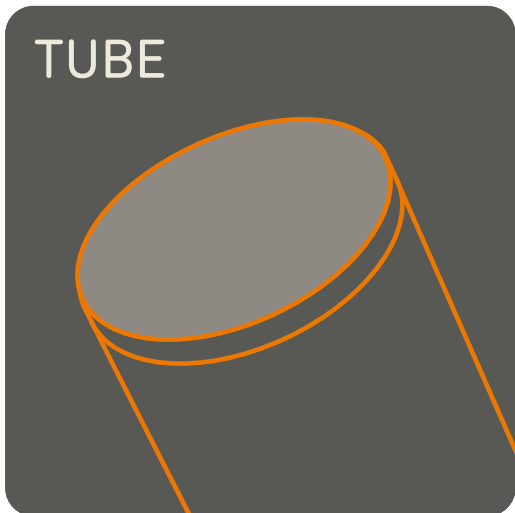


Handrail Design is a specialist trade contractor to the Construction Industry; manufacturing, supplying and installing **icon**, a proprietary range of modular Architectural Handrail & Balustrade systems.

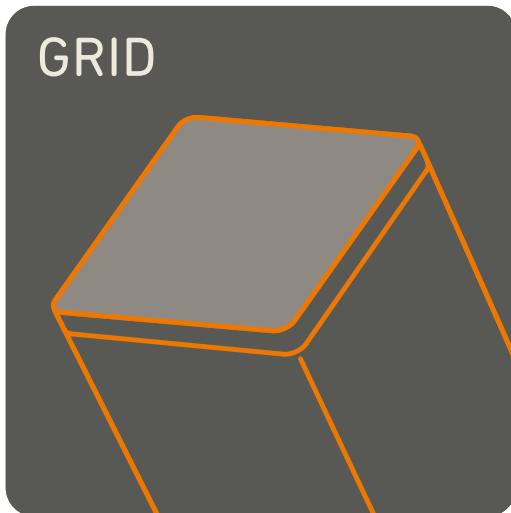
Pioneers in our field, our renowned **icon** systems utilise intelligent compositions of non-welded, highly engineered and flawlessly detailed components, fully meeting the market's demand for superior quality, peak performance and exceptional design.

www.handrailandesign.co.uk

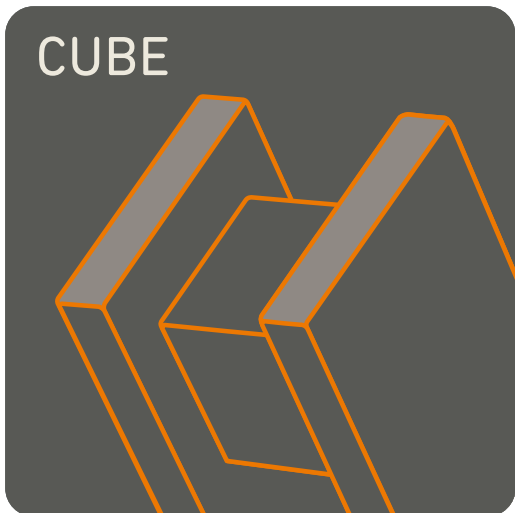
TUBE



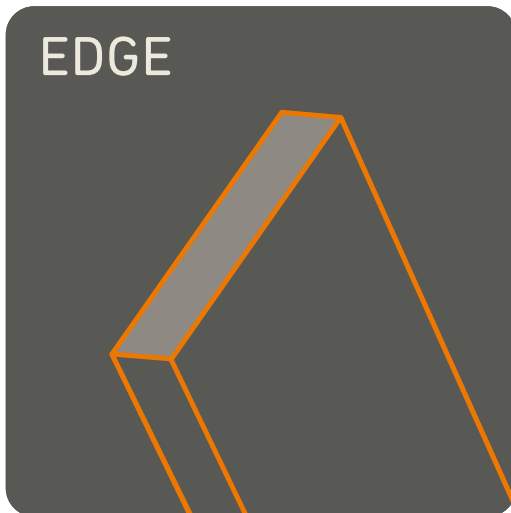
GRID



CUBE



EDGE



VIEU



KEY FORMS

Our modular balustrade systems currently comprise five design concepts, each with a distinctive character, expressed primarily by the cross-sections of their uprights.

icon BALUSTRADE

Whilst it is the handrail that we physically interact with when using stairs, it is the balustrade system that not only acts to support that handrail but is often one of the most visually impactful aspects of a staircase.

For this reason, **Handrail Design** have over the years painstakingly developed their **icon** range of modular balustrade systems to not only fulfil all the rigorous structural requirements demanded by the functionality of such structures, but also to offer architects and planners a variety of highly distinctive and visually appealing designs, able to integrate seamlessly into a wide range of modern contemporary building styles.

All **icon** products are designed & manufactured in the UK by **Handrail Design Limited**

Fitzroy Place, London



TUBE

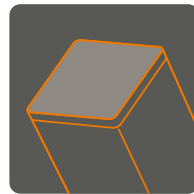
GRID

CUBE

EDGE

VIEU

the **icon** modular balustrade systems currently comprise five distinctive design profiles.



NEW PRODUCT

GRID is the very latest addition to our **icon** product range and has proved an instant hit with clients, many of whom have long sought an equally simple and stylish alternative to the ever popular tubular balustrade systems.

Though a regular square cross section of 50mm x 50mm, any tendency towards hard angularity has been avoided by giving the profile a subtle corner radius.

As a sister product to **TUBE**, it too is available in the widest range of materials and finishes we currently supply as standard.



Photo: Hufton & Crow



icon GRID[®]

Centre Point Tower, London

Fitzroy Place, London



Fitzroy Place, London



Fitzroy Place, London



4P

Offset Fin Toprail

Ø45mm **NODE** modular stainless steel handrail.

® Registered Design



4Q

**Offset Fin Toprail with
Double Panel Holder**

Ø45mm **NODE** modular handrail.

® Registered Design



5A

In Line Panel Holder

Suitable for 10/12mm toughened
glass, 3mm perforated steel.

® Registered Design

NEW PRODUCT

icon GRID

all components and handrails available in Stainless Steel, PPC
or Nymet® finishes, handrails also available in solid hardwood



4S

Inline Fin Toprail Connector

Ø45mm **NODE** modular solid hardwood handrail.

Shown here in American Black Walnut, other solid hardwoods available.



6E

Side Fixing

Ø35mm barrel connections into steel or concrete, with a range of possible centres and projections.



5E

Offset Midrails

Ø22mm stainless steel midrails offset from stainless steel upright via Ø35mm barrel connectors.

Although **GRID** is a brand new product, it has been designed as a sister product to our longest standing design, **TUBE**, and as such, takes advantage of the fully comprehensive range of components already available for that system. With unparalleled levels of finish and manufacturing precision, it offers great versatility for both front and back of house applications.



icon GRID

Material Finishes & Loading Options

Handrail Finishes*	Upright Finishes*	Balustrade Infills	Lateral Loadings
Stainless Steel	Stainless Steel	Glass Panels	0.36 kN/m
NyMet® Coated	NyMet® Coated	Perforated Panels	0.74 kN/m
Polyester Powder Coated	Polyester Powder Coated	Tubular Midrails	1.50 kN/m
Solid Natural Hardwood		Tension Wires	3.00 kN/m

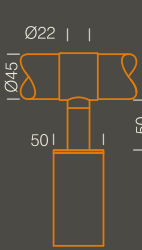
* Materials and finishes available in these sections can be mixed & matched in any combination

Handrail Design operates as an end-to-end company with a fully integrated service, from the initial design, through manufacturing and supply, to final installation.

04 TOPRAIL CONNECTIONS - Ø45mm NODE MODULAR

® = Registered Design

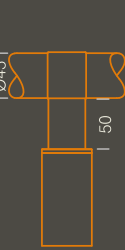
4E Inline Stem



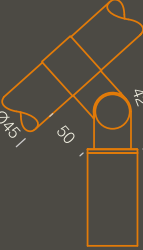
4F Angled Inline Stem



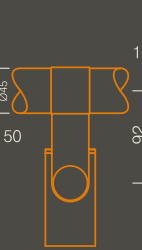
4S Inline Fin



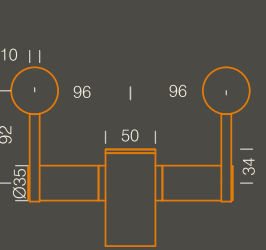
4T Angled Inline Fin ®



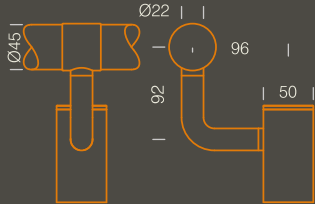
4N Offset Fin ®



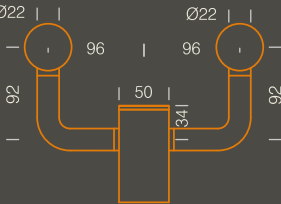
4R Offset Fin Divider ®



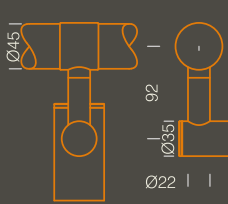
4K Offset Bend Toprail



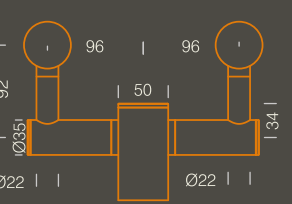
4M Offset Bend Divider Rail



4G Offset Stem Toprail

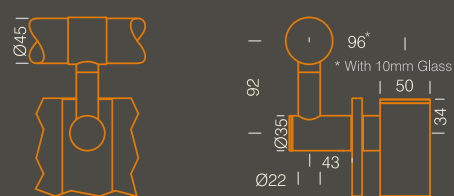


4I Offset Stem Divider Rail

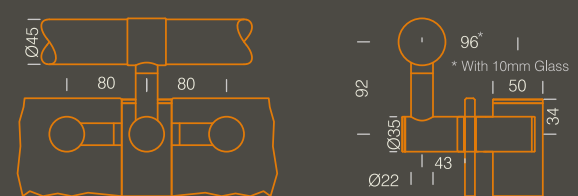


STEM

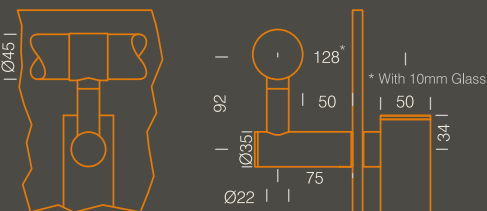
4H Offset Stem Toprail / Single Infill Panel



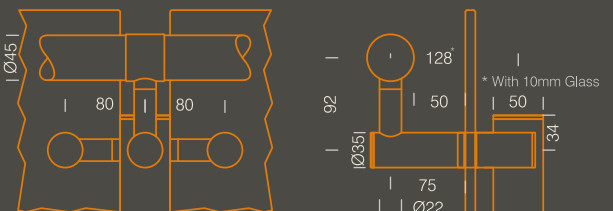
4L Offset Stem Toprail / Double Infill Panel



4H Offset Stem Toprail / Single Infill Panel - **Raised Glass**

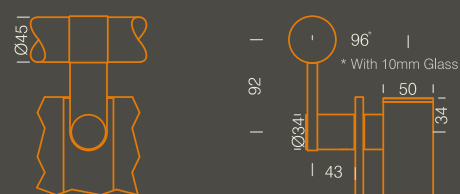


4L Offset Stem Toprail / Double Infill Panel - **Raised Glass**

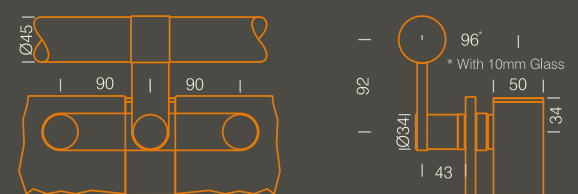


FIN

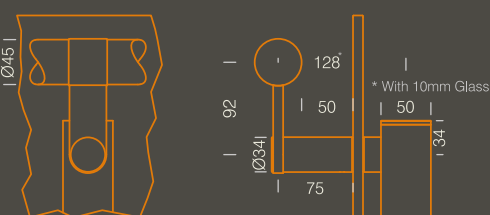
4P Offset Fin Toprail / Single Infill Panel ®



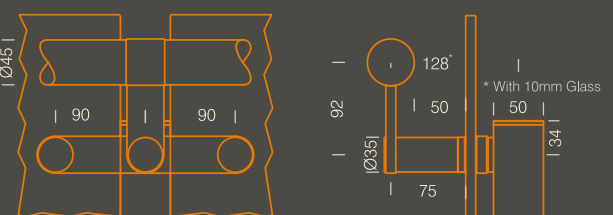
4Q Offset Fin Toprail / Double Infill Panel ®



4P Offset Fin Toprail / Single Infill Panel ® - **Raised Glass**

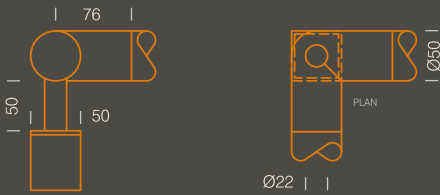


4Q Offset Fin Toprail / Double Infill Panel ® - **Raised Glass**

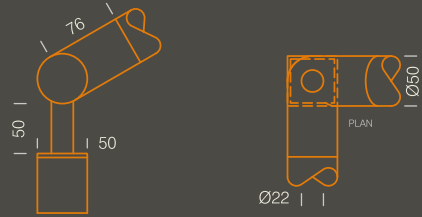


03 INTERSECTIONS - Ø50mm TRADITIONAL

3F 90° Bend / Stemmed Upright



3G Angled 90° Bend / Stemmed Upright

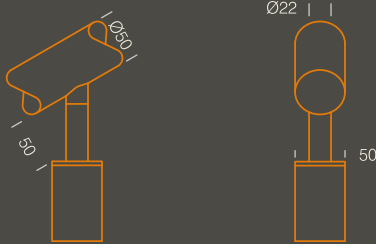


04 TOPRAIL CONNECTIONS - Ø50mm TRADITIONAL

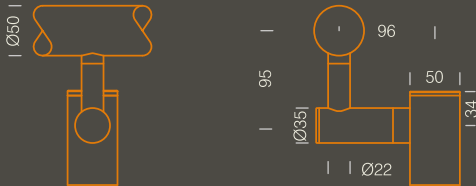
STEM 4E Inline Stem Toprail



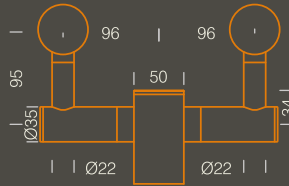
4F Angled Inline Stem Toprail



4G Offset Stem Toprail



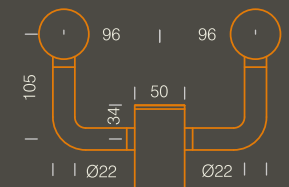
4I Offset Stem Divider Rail



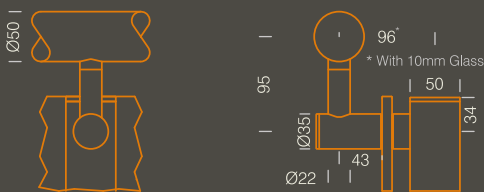
BEND 4K Offset Bend Toprail



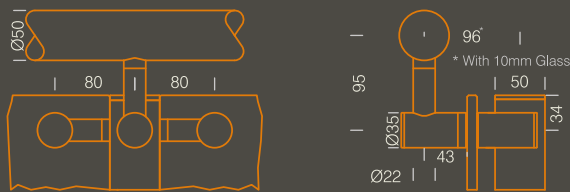
4M Offset Bend Divider Rail



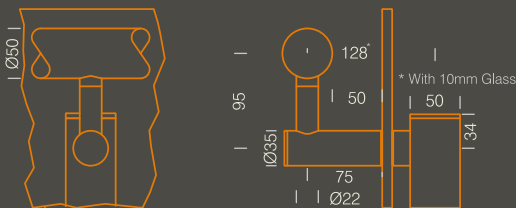
STEM 4H Offset Stem Toprail / Single Infill Panel



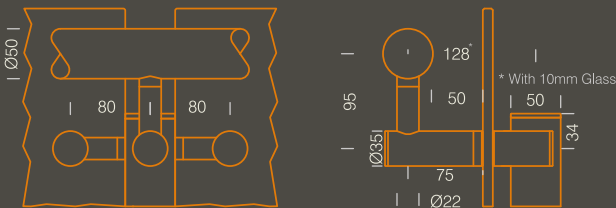
4L Offset Stem Toprail / Double Infill Panel



4H Offset Stem Toprail / Single Infill Panel - Raised Glass



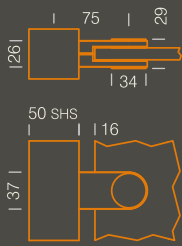
4L Offset Stem Toprail / Double Infill Panel - Raised Glass



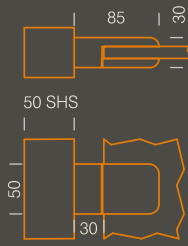
05 INFILLS

® = Registered Design

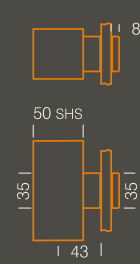
5A Inline Panel Holder ®



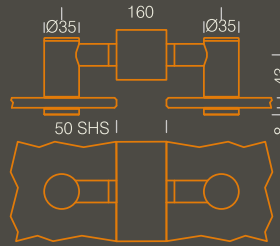
5B Inline Panel Holder



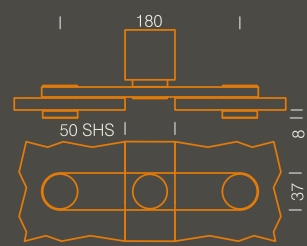
5C Offset Panel Holder



5H Double Offset Panel Holder



5I Double Offset Fin Panel Holder



RAILS

5D Inline Midrails



5E Offset Midrails

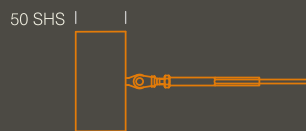


5J Offset Node Midrails



WIRES

5F Inline Wire Rope

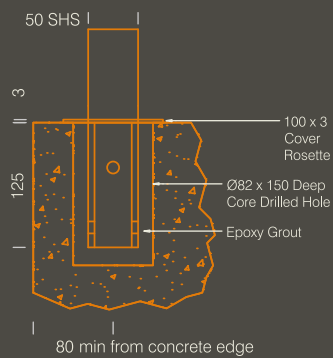


5G Offset Tension Wire Rope

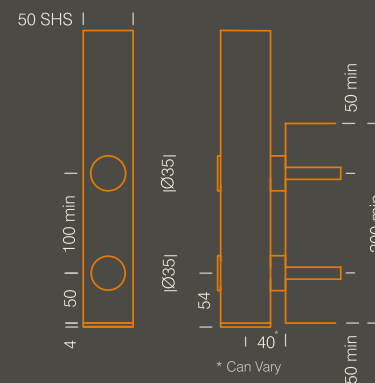


06 FIXINGS

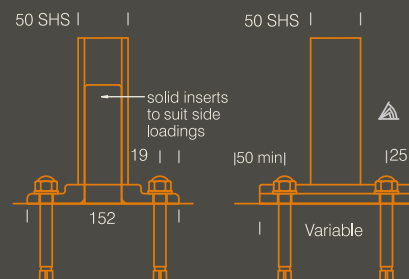
6A Spigot Fixing



6E Side Fixing



6F Top Fixing



introducing **NODE**[®] modular handrail system

One of the most important developments we have introduced as part of our **icon** range is the patented **NODE**[®], a unique connection system which modularises the handrail. The lengths of handrail usually required for stairwells are both awkward and time consuming to distribute on site, but **NODE**[®] allows them to be unitised, reducing their length to the distance between the supports. Consequently, all **icon** products can now be palletised, greatly speeding up the horizontal and vertical on-site distribution of materials during installation.

NODE[®] also enables handrails to be adjusted dimensionally during installation, offering new levels of fixing flexibility whilst reducing the reliance on exact site surveying. It is now possible to install **icon** systems progressively, as staircases are being constructed, thus negating the need for costly, time consuming scaffolding or temporary edge protection.

Aesthetically, the transition between the outer ring of the **NODE**[®] and the handrail itself is articulated with meticulous precision and creates a luxurious tactile experience. Trimmed ends of handrail are always concealed within the **NODE**[®], resulting in component connections having consistently perfect levels of finish.

The diameter of the new modular handrail, for use with **NODE**[®] is **45mm**. Whilst marginally smaller than the **50mm** of our traditional handrail, this reduced rail size offers a more positive grip and a significantly improved 'hand feel', offering benefits in both user comfort and user safety levels.

Enhanced proportionality with other system components also yields a more elegant overall design throughout all of the **icon** product ranges and these improvements mean that our systems continue to architecturally inspire front and back of house requirements within high end commercial and residential developments.



NEW
icon **NODE** Handrail



Traditional
icon Handrail

A close-up photograph of a modern handrail system. The handrail is made of a light-colored wood with a visible grain. It is fitted with a polished, cylindrical metal sleeve. This sleeve is attached to a metal bracket that is mounted on a larger, square metal base. The background is a plain, light color.

icon NODE®

modular handrail system

the patented NODE® connection
PATENT SERIAL Nr GB2544995

about us

Handrail Design is a privately owned British company, based at the Historic Dockyard in Chatham, Kent, just 30 miles east of London.

We design, manufacture, supply and install our own proprietary range of Architectural handrail and balustrade systems of impeccable quality, and within the stringent deadlines demanded by today's construction industry.

What makes us unique in our field is that we are not architectural metalworkers; we are pioneers of engineered modular systems and provide a comprehensive end-to-end service, from initial design through to final installation.

Our **icon** modular handrail systems are the most specified choice of UK Architects and having successfully undertaken countless landmark projects, both abroad and here in the UK, our services are continually endorsed by many leading Developers and Contractors.

Above all, we are most passionate about our products and fully committed to the services we provide, continually striving to maintain our reputation of being the market leaders in our field.

Howard Cochrane
Managing Director



At **Handrail Design** we are justly proud of our highly engineered UK made modular systems. So proud, in fact, that we offer an impressive **25 Year Guarantee** on all components in our **icon** Handrail & Balustrade ranges.

Subject to terms & conditions. Details on request.

founded 1990

Since its formation in 1990, the company has operated from the **Sail & Colour Loft**; a scheduled ancient monument and a Grade I listed building, dating from 1734.

This is where ship's sails, flags, and canvas gear were originally produced, most notably those for HMS Victory, best known for her role as Nelson's flagship at the Battle of Trafalgar in 1805.



From inception, our proposition to the marketplace has always been exceptional design intelligently executed to the highest quality. This has resulted in an industry wide reputation and an acknowledgement of the undeniable influence we have had in raising the standards of Architectural handrail and balustrading products in our specialist sector.

As we are not fabricators, welding does not take place in any aspect of our manufacturing process. Rather, all of our **icon** products are engineered, cast or extruded and so, by definition, we exercise total control over the output quality and consistency of our end product.



Potential clients are welcome to visit our offices, to meet our team and get to grips with the full size product displays and the in-situ staircase installations we have had made to feature the entire **icon** product range.



the way we work

If imitation is the sincerest form of flattery, then we should feel very flattered indeed - over the years our **icon** ranges have been replicated in some form or another by countless companies. So much so, that we now protect all our latest product developments with design registration and patents.

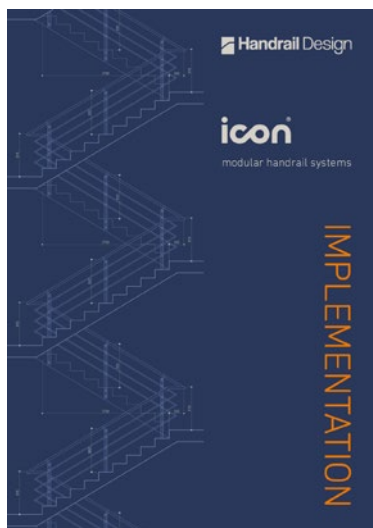
However, for us, the product itself is only half the story; it is the way we work with clients that sets us apart from the crowd. We operate as an end-to-end company with a fully integrated service, from the initial design process, through manufacturing and supply, to final installation.

We strongly believe that the best way to achieve genuine time and cost benefits for our clients is to work with them in identifying the most effective ways to implement their requirements. Our latest modular handrail system, **Node®**, is a prime example of this philosophy; without compromise to quality or strength, it saves countless on-site man hours by making the whole process of installation much simpler and more efficient.

This holistic approach means too that we take issues such as quality control and regulation compliance very seriously. Every process that takes place within our organisation is recorded and evaluated via a rigorous and documented Quality Assurance system, ensuring all aspects of our work achieve consistent end results of the highest standard.

further information

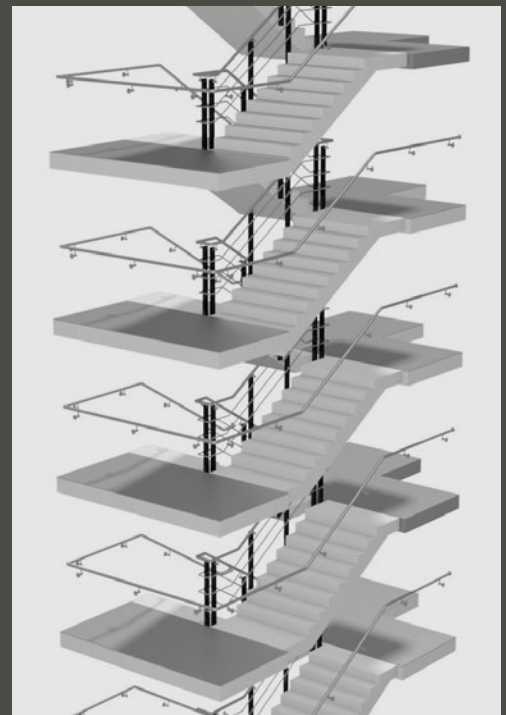
For a more in-depth look at how we work with clients, utilising the latest industry methodologies to provide meaningful time and cost savings, click on this cover to see our latest **IMPLEMENTATION** online brochure.



getting started

Right from the beginning of any project, our technical team are on hand to offer guideline pricing, assist with the NBS specifications, provide expert advice on British Standards & Building Regulations and resolve any technical queries.

AutoCAD drawings, **3D** modelling & rendering services and **BIM** objects are available for all **icon** products.



Rathbone Square, London
Typical staircase BIM model

Presentations can also be arranged at the initial planning stages in order to evaluate the potential benefits of each system and help with the selection of finishes.

coming to you

Whilst we welcome visitors to our offices here in the Historic Dockyard at Chatham, we understand too that time is precious and we are always pleased to come to you at your own premises.

So that clients may have that all important tactile experience of our products and see exactly how our modular systems go together, we have created compact demonstration sets that we can bring along to any presentation.

To arrange a meeting, just call us on:
01634 817800

or email:
info@handraildesign.co.uk

accreditations



icon



Ask us for a complimentary 'pencil case' sample pack, featuring our current range of standard handrail finishes.





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modular handrail systems