



TSS BALUSTRADE CENTRE

EST. 1999



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WELCOME TO THE TSS BALUSTRADE CENTRE

TSS Balustrade Centre is a division of Tube & Steel Supplies Ltd, established in 1999. From the very beginning, TSS has been a trusted supplier of handrail components. In 2015, we launched TSS Balustrade Centre to focus exclusively on balustrade systems, initially offering supply-only solutions, including glass and associated components.

As demand grew and our reputation strengthened, we expanded our services in 2017 to include professional installation, beginning in the domestic market. Today, TSS Balustrade Centre is recognised as one of the UK's leading balustrade specialists, delivering high-quality installations across both commercial and domestic sectors, with directly employed fitters and full national coverage.

Operating from our base in Newport, we take great pride in the standard of our workmanship and service—qualities that have earned us long-standing partnerships with contractors throughout the UK. Every system we supply and install undergoes rigorous quality checks to ensure full compliance with all relevant regulations.

In addition to balustrades, we now offer a comprehensive range of complementary services, including the installation of decking systems and integrated drainage profiles, secondary steelwork, DDA-compliant solutions, roof edge protection systems and much more, providing clients with a complete, end-to-end architectural package.



WHY TSS?

TSS Balustrade Centre operates from a 16,000 sq. ft. facility in the heart of Newport, ideally positioned to serve South Wales, the South West, and beyond.

With a dedicated logistics network and directly employed installation teams, we regularly complete projects across the UK - including in the Lake District, London, Essex, the Midlands and more.

Each project benefits from a tailored approach, with a dedicated Project Manager overseeing every stage from initial enquiry to installation and aftercare. We work with a wide spectrum of clients - from Tier 1 contractors and national developers to small builders and homeowners - and remain highly active in the domestic market, ensuring the same level of quality and service regardless of project size.

We pride ourselves not only on the quality of our systems, but also on the flexibility and reliability of our service. Our directly employed installation staff allow us to respond quickly to changing site requirements and client timelines, ensuring minimal disruption and maximum efficiency.

TSS is also committed to maintaining the highest industry standards. We are fully compliant with ISO 9001:2015 and hold key accreditations including Constructionline Gold, SMAS, and CHAS - giving our clients confidence in our capability, safety, and quality assurance.

CLIENT TESTIMONIAL

Having worked with TSS Balustrades on multiple schemes, they have always been extremely helpful and thorough. From pre-construction, to design and through to installation, you cannot fault their service and quality.

**ALEX HOLLAND, SENIOR DESIGN
MANAGER, MORGAN SINDALL**

SYSTEMS

FRAMELESS BALUSTRADE SYSTEMS

Frameless balustrade systems are a popular choice for clients seeking a modern, unobtrusive finish without compromising on strength or safety. Due to their unmatched strength and clean, minimalist design, these systems are ideal for both residential and commercial settings, from private balconies and garden terraces to shopping centres, office developments, and public spaces. At TSS, we offer a range of frameless options to suit different applications, load requirements, and design preferences.

CHANNEL-BASED SYSTEMS

Our most popular option, offering clear, uninterrupted views with excellent strength (up to 3kN). Suitable for residential and commercial use, these systems support glass thicknesses from 12 to 31.52mm and are available in a range of finishes and mounting styles.

GLASS ADAPTOR SYSTEMS

A sleek, cost-effective solution with face-fixed glass adaptors and offset spacing options from 10 to 100mm. Suitable for Juliet balconies and external use, with load ratings up to 3kN.

MOD 6000, 6400 SYSTEMS

Compact modular clamps that require no glass drilling. Mod 6000 is ideal for light-use areas, while Mod 6400 adds greater strength (up to 1.5kN) for medium-duty applications.





MODULAR BALUSTRADE SYSTEMS

Modular balustrade systems are a versatile and cost-effective choice, widely used in both residential and commercial environments. Their flexible design allows for a range of configurations, including top fixed or face fixed options, with or without handrails, and even Juliet balcony arrangements. TSS Balustrade Centre offers a wide selection of infill styles, including glass, rod and wire, as well as round, square and rectangular profile options to suit your aesthetic and structural needs.

With decades of experience in modular balustrade design and installation, we work closely with clients to deliver bespoke solutions tailored to their specific project requirements. These systems are ideal for schools, airports, care facilities, retail developments, sports venues and more, offering strength, adaptability and modern visual appeal.



JULIET BALCONY SYSTEMS

Juliet balconies are a stylish and practical solution for introducing natural light and ventilation into spaces such as bedrooms, offices and upper floor living areas. At TSS Balustrade Centre, we supply a wide range of high-quality Juliet balcony systems, designed with safety, durability and aesthetics in mind. Depending on the system, they can be fixed to the window frame, reveal or façade, offering flexibility across different building types and styles.

Our Juliet balcony range includes the Mod 6507, 6508 system, Glass Adaptor system, Easy Glass View, and the Easy Glass Smart, Prime and Max systems, each offering different mounting and design options to suit your project requirements.



EASY ALU SYSTEM

The Easy Glass Aluminium system offers a cost-effective yet high-quality balustrade solution, finished as standard in a durable textured RAL 7016 powder coat or brushed aluminium. Its innovative glass wing rubber gasket ensures a secure and effortless fit, tightly hugging the glass as it's inserted.

Designed for practicality, each top mount base flange includes a levelling block to easily adjust for uneven floors, ensuring perfect alignment on any site. The system is also highly customisable, with various infill options and colour finishes available.



TRADITIONAL STYLE BALUSTRADE

TSS offer traditional balustrade solutions using high-quality systems such as Fortitude panels, posts, and brackets – ideal for projects seeking a classic aesthetic without compromising on performance. These versatile systems allow for various design configurations without the need for pre-fabrication, saving both time and cost. The innovative adjustable raking panel is particularly suited for stairs and sloped surfaces, enabling on-site installation with ease and efficiency.



CLIENT TESTIMONIAL

TSS Balustrade Centre have carried out various projects for us over past 6 years, ranging from new build commercial buildings, Grade II listed churches, and a school to name a few.

Providing an excellent service and excellent quality of glazed & powder coated finished balustrades and handrails. The team at TSS are always very helpful and knowledgeable about their products and often offer solutions to complex balustrade details to achieve the best finish and appearance for the client. They are the first company I would contact for this specialist work, our thanks to everyone at TSS Balustrades.

KEVIN NEAGLE
MANAGING SURVEYOR, HENSTAFF CONSTRUCTION



GLAZED CANOPIES

TSS supply and install high-quality glazed canopy systems for both residential and commercial applications. Designed to provide weather protection while maintaining a light, modern aesthetic, our canopies are tailored to each project's specific requirements.

Whether fixed to steel frames, structural glass fins, or tension rod systems, our glazed canopies offer a clean and contemporary finish that enhances both form and function. They are ideal for entrances, walkways, and can be configured in a wide range of sizes and fixing arrangements.

Available with a choice of powder-coated or stainless steel support systems, our glazed canopies combine durability, safety, and architectural appeal.

GALVANISED HANDRAIL SYSTEMS INC. DDA AND ROOF EDGE PROTECTION

TSS offers a robust range of galvanised handrail solutions, including DDA-compliant and Roof Edge Protection systems, complementing our glazed balustrade offering. Galvanised handrails provide excellent corrosion resistance, significantly extending the life of the system without compromising structural integrity—making them a durable and low-maintenance choice.

Where aesthetics or regulatory requirements demand, these systems can be finished with powder coating or a warm-to-touch plastic coating in a wide range of RAL colours. Suitable for both commercial and public spaces, galvanised handrail systems are quick to assemble, cost-effective, and built to last.

SECONDARY STEELWORK

TSS supply and install secondary steelwork packages, including balcony structures and support frameworks, tailored to suit a wide range of project requirements. This service complements our decking and balustrade systems, enabling us to deliver a fully integrated solution from structure to finish.

By offering all components as part of one coordinated package, we simplify the process for our clients, reduce lead times, and ensure consistency in both quality and appearance across the project.

DECKING, SOFFITS & DRAINAGE SYSTEMS



TSS supply and install high-quality decking, soffit, and drainage systems for both domestic and commercial projects across the UK. As recommended installers of the full AliDeck system, the market leader in aluminium decking and associated components, we offer a complete range of premium solutions designed to enhance outdoor spaces, from private gardens and rooftop terraces to large-scale commercial developments.

We work closely with our clients to ensure each installation is both functional and visually striking. All systems we install are engineered for long-term durability, compliance, and performance, with a wide choice of finishes and specifications available to suit the unique requirements of every project.

CLIENT TESTIMONIAL

My first experience working with TSS Balustrade Centre was a very positive one, the design, fabrication & installation process was made seamless and the team is very happy with the finished product which is of a high quality.

**SAM O'DONNELL, QS,
KIER CONSTRUCTION**



PALACE THEATRE, SWANSEA

The Palace Theatre in Swansea, a Grade II listed landmark with over 135 years of history, has recently undergone a major transformation following years of decline. Acquired by the City & County of Swansea in 2020, the building was restored and repurposed as office space, preserving its architectural heritage while adapting it for modern use.

TSS Balustrade Centre were proud to support this significant restoration. This was a highly challenging installation, involving approximately 80 linear metres of true curved frameless balustrade with multiple radii, some as tight as 450mm. Each floor was meticulously templated using traditional methods to capture the precise curvature, ensuring a seamless interface with the existing in-situ metalwork.

We designed and installed a frameless, channel-based glass balustrade system, tested to a 1.5kN line loading, with a bespoke RAL colour powder coated base to complement the interior design. The result is a sleek, contemporary finish that enhances the building's character while meeting modern safety standards.

This project reflects our commitment to quality craftsmanship, technical precision, and sympathetic restoration, helping safeguard the Palace Theatre for generations to come.



PRIVATE RESIDENCE, SOMERSET

TSS were commissioned to supply and install glass balustrades for both the internal and external areas of a high-end residential property in Somerset. Internally, bespoke curved glass balustrades were expertly crafted and fitted to the internal feature stair spanning three levels. Using traditional templating methods alongside our versatile glass adaptor system, we achieved a seamless and striking finish. This seriously impressive yet fun property is complete with a slide connecting the ground and lower levels, adding a unique and playful touch.

Externally, over 80 linear metres of powder-coated, frameless channel system balustrading was installed, colour-matched to the windows and doors, providing a cohesive and elegant appearance that complements the property's design.



RESIDENTIAL PROJECT, CARDIFF

TSS were commissioned to supply and install frameless glass balustrades for the external balconies of a prestigious residential development in Cardiff. The balustrades were powder coated to the client's precise specifications, ensuring a sleek and durable finish that perfectly complements the building's modern architectural design.

Beyond the balustrades, TSS took full responsibility for the design and fabrication of the balcony structures themselves, delivering robust and visually appealing frameworks. This included the careful installation of external cladding, which was seamlessly integrated with the balustrade systems to create a cohesive and high-quality finish.

Throughout the project, TSS worked closely with the client and other contractors to meet tight deadlines and demanding site conditions, ensuring both aesthetic excellence and compliance with all relevant safety standards. The result is a striking combination of form and function that enhances the building's external appearance while providing secure, long-lasting balcony solutions.



PRIVATE RESIDENCE, STRATFORD-UPON-AVON

TSS Balustrade Centre completed both internal and external installations for this impressive private residence, designed with a striking ultra-modern aesthetic. Our team worked closely with the client to supply and install a range of frameless systems that seamlessly complemented the architectural vision.

Externally, we installed 54 linear metres of top-mounted frameless channel balustrade across multiple terraces, delivering uninterrupted views and a sleek finish. Internally, a further 41 linear metres of frameless balustrade were installed using our glass adaptor system, maintaining the property's clean and contemporary lines throughout.

Additionally, we fitted two frameless glass adaptor Juliet balcony systems, adding both elegance and safety to upper-level openings.

This project highlights the versatility of our frameless systems in both indoor and outdoor environments, and our ability to deliver premium finishes in bespoke residential settings.



RESIDENTIAL PROJECT, NEWPORT

TSS successfully delivered on time and within budget, a large-scale residential project in Newport, South Wales. The development comprised two blocks of contemporary apartments, with TSS providing a comprehensive balustrade package valued at nearly £300,000.

The scope of works included the supply and installation of hundreds of linear metres of top-fixed modular balustrade systems, multiple Juliet balconies, and sleek entrance canopies. To meet the structural demands of the project, TSS also designed and fabricated bespoke fixing brackets to securely anchor the balustrade systems back to the building framework.

This project demonstrated TSS's ability to handle complex, multi-faceted packages at scale, delivering both technical innovation and reliable service to meet the client's expectations.

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