

At the forefront of Quality Technical Building Envelope Solutions



PSP architectural

A design driven strategy is at the forefront of all operations, ensuring that innovation and quality are at the core of our culture. We design, manufacture and supply rainscreen cladding, specialist fabrications, rainwater goods, ventilation, solar shading, flashings, perforated, shingles, copings, pressings and facade support systems using a range of different metals to meet our customers' bespoke requirements. Our 45,000ft² state-of-the-art facility in County Durham has capacity to handle large schemes with the latest manufacturing and fabrication machinery.

PSP aluminium

Utilising state-of-the-art CNC fabrication equipment, PSP Aluminium specialise in the manufacture of curtain walling, windows and doors to the highest levels of reliability and quality. Set up in 2014, the 25,000ft² premises neighbours the architectural facility which allows us to manufacture and supply for an entire building envelope. All PSP Aluminium systems integrate fully with any PSP Architectural Matrix rainscreen panels.

PSP design

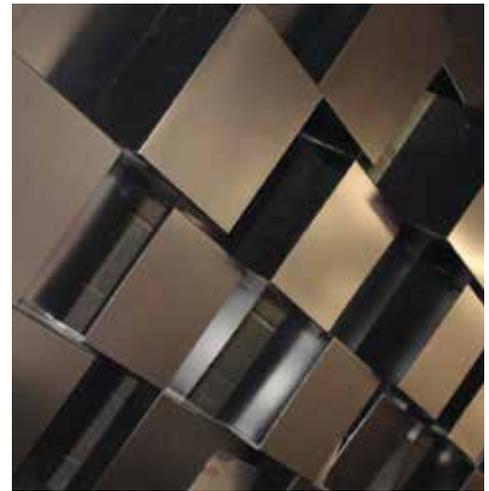
To ensure quality throughout the process, in February 2016 PSP Design was launched. We can now take full responsibility for the design, manufacture and supply of the full external facade. This single point of procurement, managed by our internal quality control systems, brings complete synergy throughout the supply chain - allowing us to deliver a complete full-service solution.

Bespoke Envelope Solutions

Founded in 1998 - PSP Group specialise in the manufacture of high quality rainscreen cladding systems and custom-made fabrications. More recently the PSP Group has expanded and evolved our services to provide a single point of procurement for bespoke full envelope solutions.

PSP Group have extensive experience in completing residential, commercial and retail developments as well as involvement in high-profile public sector projects including hospitals and educational facilities. Further to our expertise in external metal facades, we also specialise in manufacturing bespoke metal products for interior fit-outs in commercial projects such as airports, shopping centres and residential towers.

As a leading manufacturer in our field, we understand the importance of working closely with architects, customers and suppliers to build long-lasting, sustainable working relationships which allows us to provide the very best engineered solutions. Our vast experience, understanding and practical capability throughout the whole design and manufacturing processes enhances the complete client experience - this is born out in the high levels of repeat business that we have secured over the last 20 years.



Delivering Your Vision

Excellence is central to the PSP Group operation. Throughout our entire process - from the early design stages right through to the delivery of products - we understand the importance of quality management systems and helping our clients achieve a superior finish.



PSP Group are able to work in synergy with your supply chain at the early design stages to assist in achieving a truly outstanding facade solution that meets all aesthetic and technical requirements.



Our fully integrated Enterprise Resource Planning (ERP) system aids our rigorous quality procedures providing up to date information on any job - existing or complete. Facilitating full traceability, the ERP system enables a single entry, end to end business solution for materials and real time information of any job status within the manufacturing facility.

CERTIFICATES OF EXCELLENCE

Our promise of exceptional quality products and solutions has been highlighted through our dedication to become one of the first manufacturers of our kind to upgrade our ISO 9001 and ISO 14001 to the 2015 standards and become fully UKAS accredited.

ADVANCED MANUFACTURING

PSP Group have two large advanced manufacturing facilities located in Shildon, County Durham - incorporating state-of-the-art machinery and processing equipment.

Supporting our production facilities, we also have a Design Office in Cramlington, Newcastle-Upon-Tyne. The Design arm of PSP utilises the latest versions of Inventor and AutoCAD meaning we can assist with general design work and are fully BIM ready. By utilising our technical skills and ability, along with a forward-thinking approach, we are confident that we can offer our clients a quality, cost effective solution considerate of the time sensitive nature of the construction industry and the increasingly challenging design and engineering landscape.

From the early design stages and advanced manufacturing processes, to the final delivery - our highly experienced team, turn an architectural concept into an exceptional engineering reality. We strive to provide a first-class customer service to become a valued and trusted member of your supply chain.



- Rainscreen Cladding
- Specialist Fabrications
- Rainwater Goods
- Ventilation
- Solar Shading
- Flashings & Pressings
- Facade Support Systems

We design and manufacture a comprehensive range of integrated metal rainscreen facade systems that can be adapted to suit specific client needs to provide a visually stylish solution for almost any building. Achieving rapid installation times, material choices include aluminium, composite, zinc, COR-TEN®, stainless steel and many others.

Our systems have been CWCT tested ensuring they meet rigorous industry standards and are resilient to extreme weather conditions.

We offer the optimum façade solution for each and every project.



MATRIX SF



Matrix SF rainscreen system is available in a range of materials, special features include pressings and louvers which can be manufactured to match to the panels. This system offers a variety of benefits including:

- Fully tested and accredited rainscreen system to CWCT standards
- Easy and quick installation to backing structure
- Available in a variety of colours and finishes - PPC or anodised
- Panels can be manufactured in lengths up to 6m
- Allows for both floor and thermal movement

MATRIX SFC



Matrix SFC rainscreen system is made of pre-coated metal composite materials such as ACM, ZCM, CCM and is manufactured on our flatbed CNC machine offering high tolerances and sharp folds. Available in a range of finishes and thicknesses - Matrix SFC can be manufactured with fire rated cores and is ideal for providing a flat panel in large format modular grids. This system offers a variety of benefits including:

- Fully tested and accredited rainscreen system to CWCT standards
- Easy and quick installation to backing structure
- Panels can be manufactured in lengths up to 6m
- Allows for both floor and thermal movement

MATRIX IP



Interlocking plank rainscreen systems developed to provide a single skin panel at an economical price based on narrow face widths.

Special features, pressings and louvers can be manufactured from the same material ensuring it matches that of the panels. This system offers a variety of benefits including:

- Fully tested and accredited lightweight rainscreen system to CWCT standards
- Range of metal finishes including Aluminium, Zinc, COR-TEN®
- Delivery of cost effective and rapid installation
- Can be laid vertically or horizontally

PSP embrace new technology and cutting-edge ERP software to design and manufacture aesthetically-pleasing aluminium solutions of the utmost quality to suit applications across commercial buildings, hotels, schools, hospitals and residential properties.



As approved fabricators of Schüco, Kawneer, Reynaers, Aluprof, Raico and AluK curtain walling, windows and doors, we provide a multitude of premium-quality aluminium solutions for any building application or technical specification of any scale and size. PSP tailor each aluminium project to specific client requirements and specifications, consistently employing a client-centred approach.

PSP aluminium can offer finishes in an array of PPC RAL colours or anodised finishes to suit individual client needs and we have the capability of supplying a timber backing structure.

PSP Aluminium is fully certified to PAS 24 standards, meaning that we have been successfully audited to meet the requirements of Exova BM TRADA, Q-MARK PAS 24: 2012 and BS 4873: 2009 Aluminium fire rated windows when required by technical specifications.

We are approved fabricators for the following leading brands:



We deliver bespoke aluminium solutions to suit even the tightest of programmes.



CURTAIN WALLING



Curtain walls can be tailored to meet the individual requirements of virtually all construction projects and protect buildings against weather damage.

We combine strong but lightweight aluminium profiles with glazed sections to manufacture a comprehensive product portfolio of thermally broken curtain walling systems for a multitude of design intents.

Architectural designs include an array of finish choices that span across matt, gloss, anodised and wood-effect.

WINDOWS



We offer a full range of aluminium windows that can be integrated into aluminium curtain walling systems and PSP's Architectural metal cladding to ensure optimal flexibility, style and performance.

Aluminium systems can be used to fabricate windows for requirements around functionality, aesthetics, thermal insulation, burglary resistance, energy efficiency, smoke control and fire resistance.

PSP can design and manufacture aluminium windows for any construction project, whether opening inward, outward, turn and tilt or double casement designs are required.

DOORS



Aluminium is lightweight, inherently strong, low-maintenance and sustainable, making it an ideal material for doors that will enhance buildings with modern finishes.

Our numerous designs ensure ultimate security, aesthetics, fire resistance, thermal insulation, weather-tightness and durability.

A full range of energy-efficient aluminium doors is also available to specifications that require the most stringent energy efficiency.

In 2016, we expanded PSP Group with the launch of PSP Design. This growth enabled us to take full responsibility for the design, manufacture and supply of full external façades. We now offer a single point of procurement, which we manage through our quality control systems to enrich supply chains with complete synergy and full-service solutions.



Commercial Road



Sesame Apartments



Pinnacle House

We use digital engineering and BIM technology to optimise Design for Manufacture and Assembly (DfMA)

We acknowledge that all clients require bespoke façade solutions that are tailored to their individual needs, which is why each of our products is designed with the client in mind. PSP Group value the process of becoming a trusted member of the supply chain, and our high-quality product designs focus on sustainability, cost effectiveness, through DfMA techniques, ease of installation and premium quality.

PSP use computer-aided design and drafting software such as Inventor and AutoCAD to ensure we are fully BIM ready, deliver better productivity, faster performance and expanded interoperability to the whole project team.





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