



The complete answer to door systems

High performance door solutions for new and refurbished buildings



SENIOR **ALUMINIUM** SYSTEMS™



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door systems that bring environments to life

Senior Aluminium Systems, part of Senior Architectural Systems' family of fenestration solutions, offers a comprehensive range of door products, from commercial to residential applications.

Senior supplies innovative door systems to both commercial and residential construction markets. From dedicated ISO 9001 quality accredited service centres in England, Wales and Scotland, Senior prides itself on providing a responsive and personal customer service with local availability, and on forming long term, mutually profitable relationships with specifiers and fabricators.

the Senior door difference

All our door products are designed with meticulous attention to detail and are available either in aluminium, Hybrid timber/aluminium composite and fibreglass.

Privately-owned, the ongoing mission at Senior Architectural Systems is to offer high performance door systems to meet the needs of each project so that the fabricator is competitive and the client is totally confident.

Options

*Sliding/Folding
Lift/Slide
Tilt/Slide
Single
Double
French
Commercial/
non-commercial
Residential
Open-in
Open-out*

Features

*Thermal Performance
Slim Sightlines
Long Warranties
Automation Compatible
BMS Friendly
Low U-Values
A-Rating
Ergonomic Hardware
Envelope/Interface
Compatible*

Testing

*Weather Tested
Security Tested*



material systems

Senior Architectural Systems offer specifiers and fabricators a wide range of stocked profiles which can be finished in-house to meet site requirements. The highest quality materials are chosen on the basis of responsible sourcing and high recyclability.

Our mission at Senior Aluminium Systems is to offer high performance aluminium glazing systems to meet the needs of every project.



SENIOR **ALUMINIUM** SYSTEMS™

The original and trusted high insulation timber and aluminium composite solution. Developed, manufactured and supplied in the UK.



SENIOR **HYBRID** SYSTEMS™

An innovative range of fibreglass windows and doors, offering impressively high performance and strength alongside class-leading acoustic ratings.



SENIOR **FIBRE** SYSTEMS™

Senior Glass Systems offer high performance glazing products to meet the needs of all new and refurbishment projects.



SENIOR **GLASS** SYSTEMS™



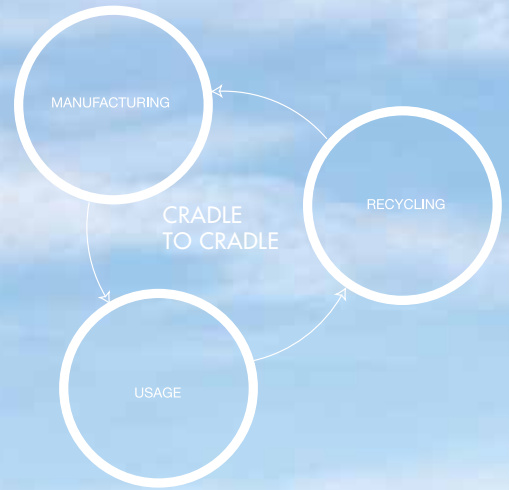
taking the environment seriously

After more than two decades in business we are well known for our down-to-earth cooperative approach. Fabricators, architects and contractors around the UK tell us that's why they choose to deal with Senior rather than anyone else.

As well as being totally committed to customer service, we actively work with a green agenda, demonstrating our commitment to the environment for now and future generations.

We minimise the risk of any chemical releases during production and our systems in aluminium, wood, glass and fibreglass are perfect for producing low maintenance, energy efficient windows and façades that have a long life.

Our metal of choice is aluminium. It recycles perfectly without losing any of its properties. And best of all for our planet, we make sure that our suppliers of wood always plant more trees than we use.





helping you achieve **BREEAM[®] credits**

What is BREEAM?

BREEAM (Building Research Establishment's Environmental Assessment Method) is the world's foremost environmental assessment method and rating system for buildings, with 250,000 buildings with certified BREEAM assessment ratings and over a million registered for assessment since it was first launched in 1990. The system sets the standard for best practice in sustainable building design, construction and operation.

Ten categories for a sustainable building

A BREEAM assessment uses recognised measures of performance, set against established benchmarks, to evaluate a building's specification, design, construction and use.

Credits are awarded across ten categories based on the outcomes of the building assessed. The credits are then combined to provide a single score, achieving either a Pass, Good, Very Good, Excellent or Outstanding overall BREEAM rating.

Senior and BREEAM

Senior Architectural Systems product range has been developed with BREEAM at its centre. Our systems are proven to help you achieve a credible BREEAM rating. With many BREEAM rated projects already successfully utilising Senior products, we have a wealth of experience to assist the architect/designer in meeting their sustainability goals.



Categories	Credits Available	Senior Architectural products impact
Management	11	No
Health & Wellbeing	14	Yes
Energy	24	Yes
Transport	9	No
Water	9	No
Materials	13	Yes
Waste	7	Yes
Land Use & Ecology	10	No
Pollution	12	No
Innovation	10	Yes
Total	119	

aluminium door systems



Senior Architectural Systems provides high performance aluminium door solutions designed for personnel access, emergency escape, automatic entrances and sliding doors.

Commercial, residential and retail applications, transport terminals, health service buildings and educational establishments are just a few of the markets in which Senior Architectural Systems has a well earned reputation for service, quality, delivery and technical support.



Overview

Four systems are available, SPW300 medium thermal performance, SPW400 sliding folding door system, SPW600/e high/enhanced thermal performance, and Hybrid a high performance timber/aluminium solution.

Products that look and perform well are essential. Senior door systems are constructed using environmentally friendly aluminium and, depending on the system selected, can incorporate glazing ranging from a 4mm single pane to 56mm double glazed units. By varying the glazing specification and system/profile selection, high insulation and specific overall U-values can be achieved.

Also available are the SD and SPW500 door options, suitable for high usage applications where a heavy duty solution is desirable and with options for thermal and non-thermal performance as required.

Flexibility

Senior entrance door systems are compatible with Senior SCW, SCW+, SMR800, SMR900 and the Hybrid range of curtain wall systems. They are available in single or dual colour finish. Dependent on the range specified, Senior entrance door systems are available with single, double, inward and outward opening options.

A full range of door hardware is available, including butt hinges, letter plate and multi-point locking for added security, including solutions to meet SBD (Secured by Design) criteria.

Senior entrance door systems are designed and focused on the UK market, seamlessly conforming to UK architecture and Building Regulations. We are able to react to any last minute design changes, giving you greater flexibility.

Powder coating

With a dedicated colour coatings division, which is one of the UK's largest, Senior provides a single source solution. Featuring state-of-the-art vertical and horizontal lines and a full pre-treatment facility, Senior offers a cost-effective, highly efficient and time-sensitive turnaround service.



Options

Senior aluminium doors are available in a wide selection of configurations.

Single. Double. Commercial.
Residential. Open In/Out.
Sliding/Folding. Single/Dual Colour.
Anodised. Mill Finish.

Environmental

The aluminium door range, when used on projects involved in a BREEAM assessment, or within the Code for a Sustainable Built Environment and the Code for Sustainable Homes, can offer significant benefits. For project specific assistance, please contact our specification team.

Independent testing

Senior Architectural Systems is fully compliant with BS EN ISO 9001, BS EN ISO 14001 and OHSAS 18001 Standards.

Weather tested to BS6375.

Technical support

For detailed information on weather ratings, U-values and any other technical matter, please contact our technical department:

support@seniorarchitectural.co.uk
or call, +44 (0)1709 772 600



aluminium door systems

/SPW300

/SPW600

/SPW600e

/SD

/SPW500



SPW300

The SPW300 door is a 51mm thermally broken polyamide door system, capable of being manufactured in single, double, inward or outward opening and utilising low thresholds.

Configurations

- / Single & Double Hinged Open In
- / Single & Double Hinged Open Out



SPW600 / SPW600e

A 75mm thermally broken polyamide door system, capable of being manufactured in single, double, inward or outward opening and utilising low thresholds. Available in single or dual colour. SPW600e offers further thermal improvement achieving BFRC ratings.

Configurations

- / Single & Double Hinged Open In
- / Single & Double Hinged Open Out



SD

Designed to provide a high performance commercial door and framing solution capable of being manufactured in single, double and emergency door types and utilising low thresholds and a variety of options including radius anti-finger trap stiles. Proven over many years usage.

Configurations

- / Single & Double Hinged Open In
- / Single & Double Hinged Open Out
- / Single & Double leaf, Single & Double action Pivot
- / Sliding
- / Sliding Folding Open In
- / Sliding Folding Open Out



SPW500

A thermally broken polyamide framing system. Designed to provide a high performance commercial door and framing solution capable of being manufactured in single, double and emergency door types and utilising low thresholds and a variety of options including radius anti-finger trap stiles.

Configurations

- / Single & Double leaf
- / Single & Double action Pivot
- / Sliding



SPW400

SPW400 is a thermally broken polyamide door system with low thresholds and no intermediate stiles for slim sight lines. It is capable of two to eight multi-pane configurations, and available single or dual colour.

Configurations

- / Sliding Folding Open In
- / Sliding Folding Open Out

