aesthetics and performance combine
Aesthetics and performance combine
welcome to the future of curtain wall systems

Developed by Senior Architectural Systems, one of the largest and most respected fenestration systems companies in the UK today, the SF52 curtain wall system is the next generation of evolved products, to exceed current and meet future building regulations.

Senior is constantly looking for new and innovative products, processes and service enhancements that will enable your next project to stand out from the crowd and make our world a better place.
Aesthetics and performance combine.
A visual statement

Creativity can transform a ‘typical’ façade into an impressive, iconic, award-winning landmark. Whether ground floor or high rise, SF52 is the creative answer for both new projects and refurbishments.

- Visual consistency. Constant 52mm sight lines for the mullions and transoms giving a uniform appearance
- Almost unlimited choice of colours and finishes both inside and out
- Complete compatibility with other Senior Architectural Systems windows and doors
- Frameless vents
- Offered fully capped, silicone sealed (capless) or a combination of the two
- Full design support and back-up available
- Future plans for BIM compatibility
Great design needs to be supported by quality of manufacture. The Senior SF52 curtain wall system has been designed and developed to ensure that high aesthetics are equally matched by consistent and reliable construction quality.

SF52 has been carefully designed to achieve a consistently high quality of fabrication and finish

Fabricator focused. Simple and straightforward to fabricate

High quality construction. Standardised assembly details across all profiles, combined with square cut sections and specially designed components, minimise fabrication time and provide consistent quality of assembly

A large range of transom/mullion sizes, reinforcing sleeves and boxes are available to allow larger, unsupported spans, as well as the option for concealed steel reinforcing

No special machinery or tooling needed
Aesthetics and performance combine
flexibility
& performance

SF52 is a complete curtain walling system, offering specifiers flexibility and enhanced thermal performance to exceed current and meet future building regulations.

- Fully CWCT tested (all sub-systems)
- High thermal performance
- Excellent weather performance
- Powder coated (single or dual colour) aluminium
- 40 or 60 micron finish
- Anodised aluminium finish
- Double or triple glazed units from 24mm to 50mm
- Window options, including frameless vents
- Door options, including automation
- Capless or capped system
- Building Management System (BMS) compatible
- Extensive warranty
- 40+ year life expectancy
- Durable, cradle to cradle, recyclable product
glazing
options

Completing the picture, glazed units are manufactured by our glazing division, Senior Glass Systems, at our dedicated 40,000 sq ft UK facility.

Continual investment in new plant and machinery, including a dedicated fleet of delivery vehicles, enables us to control quality through rigorous testing, provide bespoke solutions to schedules and timely deliveries.

- Glazing ranges from 24mm to 50mm
- Range of infills, including double and triple glazed
- Glazed units are manufactured at our dedicated 40,000 sq ft UK facility in Scarborough
- Toggle system provides a flush, no cap, large glass unit effect
- High performance glass options
The following pages provide an overview of the system capabilities of the SF52 curtain wall system. For detailed information on weather ratings, U-values and any other technical matter, please contact our technical department: info@sasmail.co.uk or call, +44 (0)1709 772 600

Glazing Thicknesses

Glazing ranges from 24mm to 50mm via the use of various gaskets and thermal breaks

Glazing Facets

Glazing facets available from 180 degrees to 90 degrees

Each can receive a range of glazing thicknesses

20 degree angle using standard sections and components
Sloped & Mullion Drainage

Achieved via spouts or by using specially designed mullions
Each can cover a range of glazing options
Accessories are common throughout the SF52 system (gaskets, screws, pressure plate thermal break etc.)

Glazing Types

Different types of glazing can be achieved using the same sections.

Fully Capped
Fully Frameless
Capped Vertically – Frameless Horizontally
Capped Horizontally – Frameless Vertically
Feature caps available
60mm option for barrier loading and interstitial sway
Transoms and mullions
Fully traceable CE Marking
Window/Door Inserts

Most of the current SAS range of windows and doors can be easily used in conjunction with the SF52 system by using adaptors.

Transom/Mullion Sizes

A large range of transom/mullion sizes and reinforcing sleeves and boxes are available allowing you to perform larger spans.
System Fabrication

*All square cut joints (no complicated lap joints)*

*Front loaded transoms*

*No special machinery required*
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