SHOPLINE

Aluminium doors.
Seamless commercial screens.



50mm
SCREEN SIGHTLINES

4
OPENING OPTIONS

110kg
MAX. SASH WEIGHT

A versatile non-thermal aluminium system for retail frontages and busy commercial entrances. Fixed screening integrates with manual swing, rebated, automatic swing and automatic sliding doors.

Technical basis: Shopline brochure + Smart Systems product information

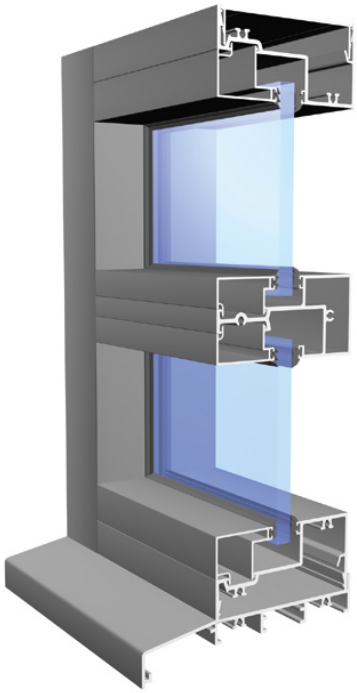
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02 / SCREEN ARCHITECTURE

A complete frontage. Built around the entrance.

Modular construction

Square-cut aluminium profiles form screen modules using self-tapping screw fixings. Modules can be fabricated off site, then brought together on site with clip-together mullions to create a continuous screen. The approach supports efficient assembly and consistent slim sightlines.



Designed for commercial use

The broad profile suite supports low-rise commercial screening and integrated single or double doors. Typical applications include shops, schools, hospitals and other entrances with regular pedestrian traffic.

Durability and drainage

Corrosion-resistant screen fixings help resist atmospheric and electrolytic degradation. Drainage trays form part of the system; drainage paths and perimeter interfaces must be detailed for the installation.



SLIM, COORDINATED FRAMING

Nominal screen sightlines of 50mm. Select head, midrail, cill and door sections to suit the required layout and interfaces.

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03 / DOOR CONFIGURATIONS

Choose how the entrance works.

01 Pivoted swing doors

Single or double doors with a concealed overhead transom closer. The supplied brochure specifies an Adams Rite ARC-51 closer with a choice of strengths. Floor and threshold pivots accommodate door weights up to 110kg, subject to the selected hardware.

02 Rebated hinged doors

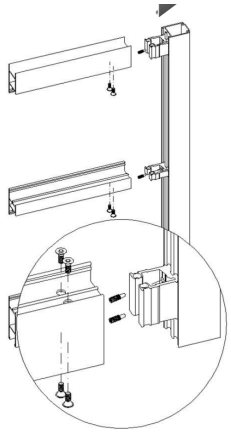
Face-mounted flag hinges with an optional surface-mounted closer. The additional rebate provides increased weather protection for more exposed positions. The system offers an opening angle up to 180 degrees, subject to hardware and adjacent obstructions.

03 Automatic swing doors

Reinforced sections provide mounting locations for compatible actuators. Operator selection must suit leaf size, weight, operating duty, opening geometry and the specified activation and safety devices.

04 Automatic sliding doors

Profiles support automated sliding and telescopic entrance configurations. Agree the complete operator, track, supporting structure, clear opening, activation and safety arrangement as part of the entrance design.





INTEGRATED BY SENTRY

Coordinate door fabrication, automation, access control, locking and maintenance as one entrance package. Confirm the operating mode and hardware before finalising the door schedule.

Technical basis: Shopline brochure + Smart Systems product information

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04 / TECHNICAL SCHEDULE

The details that shape the specification.

System type	Non-thermal aluminium commercial door and screen suite.
Screen sightline	50mm nominal.
Frame depth	100mm in the manufacturer commercial literature; confirm the selected profile.
Maximum door sash	1,100mm wide × 2,500mm high; up to 110kg per sash. Hardware and configuration dependent. Refer larger leaves for technical review.
Single glazing	6-12mm glass in the relevant single-glazing profiles.
Double glazing	24-28mm units in the relevant double-glazing profiles.
Door formats	Single / double; pivoted swing, rebated hinged, automated swing, sliding or telescopic configurations.
Accessibility options	Low thresholds and anti-finger-trap sections are available; select for the project opening and hardware.
Door construction	Mechanical corner brackets avoid welded corner joints and their local heat-affected zone.
Profile material	The supplied data sheet identifies aluminium alloy 6063 T6. Confirm the current profile schedule and material certification.
Finish options	Polyester powder coat in agreed matt / gloss colours; natural or agreed anodised colours.
Design resources	Manufacturer technical manual and profile DWG details; NBS information is listed on the current product page.

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05 / GLAZING & FINISHES

Specify the assembly. Control the interfaces.

Glass selection

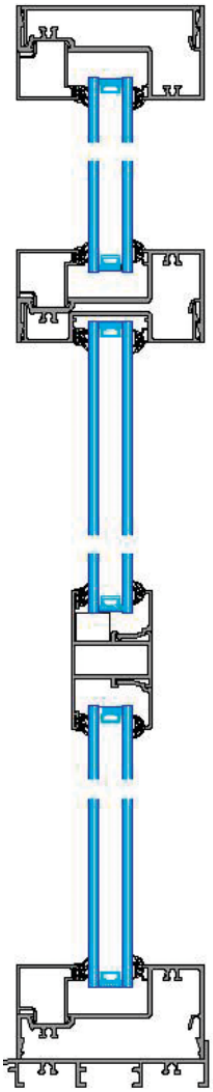
Select single or double glazing to the relevant profile and bead combination. State glass thickness, make-up, safety classification, visual requirements and any manifestation. Confirm pane dimensions, support and retention against the current system glazing tables.

Coating and anodising

The supplied brochure describes a typical 60-micron polyester powder finish and an AA25 anodised option. Its references include BS 6496, BS 3987 and Qualicoat. These are source-document references: agree the current coating specification and approved colour with the quotation.

Finish warranty

The brochure refers to a potential 25-year finish guarantee. Availability depends on the specified coating, project location, exposure and warranty terms; obtain written confirmation for the selected finish.



THERMAL & PERFORMANCE REQUIREMENTS

Shopline is a non-thermal system. The supplied sources do not provide a project-specific U-value, air / water / wind class, acoustic rating, fire rating or security classification for the proposed assembly. Confirm required performance and supporting evidence before specification; assess a thermally broken alternative where required.

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06 / PROJECT SPECIFICATION

From door schedule to coordinated installation.

Opening & layout	Structural dimensions, finished levels, screen divisions, transoms, side panels and door handing.
Access & operation	Required clear opening, threshold, opening angle, traffic levels, manual / automatic operation and accessibility.
Glazing & appearance	Glass make-up, manifestation, finish colour / gloss, visible framing and hardware finish.
Hardware & security	Closer / operator, hinges / pivots, locks, handles, exit devices, access control and interface requirements.
Automation	Activation, presence detection, safety devices, escape strategy, power supply and control interfaces.
Building interface	Structural support, fixings, drainage, perimeter sealing, tolerances and making good.
Performance	Project thermal, weather, acoustic, fire and security requirements with supporting system evidence.
Handover	Approved drawings, operating instructions, commissioning records and maintenance requirements.

Accessibility is an assembly requirement

Low-threshold and anti-finger-trap options can support the access design. Confirm the finished clear opening, threshold, opening forces, controls and approach space for the specific project.

TECHNICAL SOURCES

Supplied Shopline brochure, IMS017SH.201504; Smart Systems Shopline product page; manufacturer Commercial Brochure (Shopline technical schedule). Refer to the current technical manual, glazing tables and profile drawings for fabrication detail. Manufacturer imagery is illustrative.

SENTRY AUTOMATION / SUPPLY • INSTALL • MAINTAIN

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