



The comprehensive product overview

A complete specification guide to CDW Systems range of Aluminium windows, doors and curtain walling for commercial and residential applications



# Aluminium Windows

CDW Systems manufacture and supply aluminium windows that use Sapa profile as standard. Other systems can be manufactured to order.

## Caseament Windows

- Casement windows can achieve an 'A' Window Energy Rating
- Can be internally or externally beaded
- Chamfered or 'softline' profiles available to achieve traditional or contemporary appearance
- Standard or heavy duty options available
- Unique polyamide strip with integral bead retention leg
- Meets Secured By Design specification
- Dual coloured capability

## Vertical Sliding Sash Windows

- Vertical sliding aluminium windows have anti-ligature finger pull option - ideal for healthcare and secure unit applications
- Optional trickle vent
- Curtain walling outerframe available
- Optional tilt in facility for easy cleaning

## Tilt & Turn Windows

- Superior thermal performance: polyamide thermal barrier ensures

compliance to Part L of the Building Regulations

- Dual colour capability: different colours may be selected internally & externally
- Aluminium profiles are extruded from aluminium alloy 6060 or 6063 T6 complying with BS EN 755-9:2001
- A high performance commercial window suite with slim sight lines and a curtain walling outerframe available
- Glass thicknesses up to 32mm can be accommodated

## Pivot Windows

The pivot window system features an optional locking restrictor to provide extra levels of safety where the application demands it.

- Internally beaded
- Optional trickle vent
- Curtain walling outerframe available

## Reversible Windows

- Enables cleaning from inside the building.
- Internally beaded for greater security and ease of installation - cannot be de-glazed from outside
- Thermally broken

- Anti-slam feature
- Exceeds BS6375 Part 1 Severe Exposure Category 2000
- Wide choice of powder coated and metallic finishes
- Wide choice of framing, bead and mullion/transom profiles

## Smarts horizontal sliding window

Wrap around glazed, thermal horizontal sliding system suitable for domestic and light/medium commercial applications

- Extruded out of aluminium-alloy AlMgSi 0,5 F22
- 2, 3, 4 and 6 parted variations possible
- Glazing from 6-9mm and from 20-24mm
- Outer frame depth: 51mm
- Maximum sash weight: 60kg
- Can be polyester powder coated in full range of RAL colours

## Arched Head Windows

Investment in state-of-the-art machinery means CDW Systems can produce arched, curved or shaped aluminium windows and doors at competitive prices with a fast turnaround.



Manufacturers of:

**sapa:**  
Architectural Aluminium Solutions



**smart**  
architectural aluminium



## Colour Range

All of our products are available in a full range of RAL and BS colours. Call for details on **01452 414 853** or email: **sales@cdwsystems.co.uk**



# Sliding Folding Door

## Visofold

CDW Systems offers Smarts' complete range of aluminium sliding folding doors, including Visofold 1000, 2000, 3000 (Panorama) and 4000. These can be used for residential, commercial and retail applications.

- Extruded out of aluminium-alloy AlMgSi 0,5 F22
- Slim line profile for improved aesthetics
- Low threshold for easy access
- Single or dual colour options available

## Visoglide

Versatile, thermally insulated aluminium horizontal sliding system suitable for domestic and commercial applications.

- Extruded out of aluminium-alloy AlMgSi 0,5 F22
- Outer frame depth: 99mm
- Glazing from 4-29mm
- 2,3,4 and 6 parted combinations available
- Maximum sash weight: 200kg
- Can be polyester powder coated in full range of RAL colours

## Beaufort Bi-folding Doors

- Internally beaded with a softline detail to all external doors and panels
- Unique, flush line pop-out handle that allows maximum door opening
- Low threshold option available
- Doors and panels can be used in any configuration, style and design
- High security hinges and locking mechanisms as standard
- Available in any single RAL colour or dual colour option

## Patio Door

Engineered for strength, stability, performance and aesthetics, the Sapa Crown sliding patio door is ideally suited for residential applications.

- Can be made up of 2, 3 or four panes
- Max Width: 6400mm
- Max Height: 2500mm
- Multi-chambered for increased thermal efficiency
- Available in dual colour options



## Commercial Doors

Our range of commercial aluminium doors have been designed to suit specific consumer demands and can be integrated with other systems in the Sapa range.

- Choice of pivot (with anti-finger trap stile option) or rebated doors
- Up to 24mm glazing
- Accepts a wide range of hardware including Dorma, Axim and Adams Rite

### Stormframe Hawk Sliding Door

- Set on stainless steel rollers that run on individual aluminium tracks
- Can be fitted individually or as part of multi-entrance shop-fronts or office screens
- Flush aluminium track

### Stormframe ST

The Sapa Stormframe ST is a thermally broken aluminium door system that is capable of achieving a U value of 2.2W/m<sup>2</sup>K – well above the allowable U Value of 6.0W/m<sup>2</sup>K for high traffic doors.

- Single or double doors can be rebated or centrally pivoted with optional built-in anti-finger trap stile
- Up to 32mm glazing
- Accepts a wide range of hardware including Dorma, Axim and Adams Rite
- Dual colour options available
- Can be fitted with special handles, pivot hinges, latch locks, master key systems, emergency exit devices, automatic door openers and electronic security systems

## Residential Doors

CDW Systems manufacture entrance doors using Sapa's Crown and Dualframe aluminium system. Elegant yet durable, CDW Systems' single or double French entrance doors offer long-lasting security.

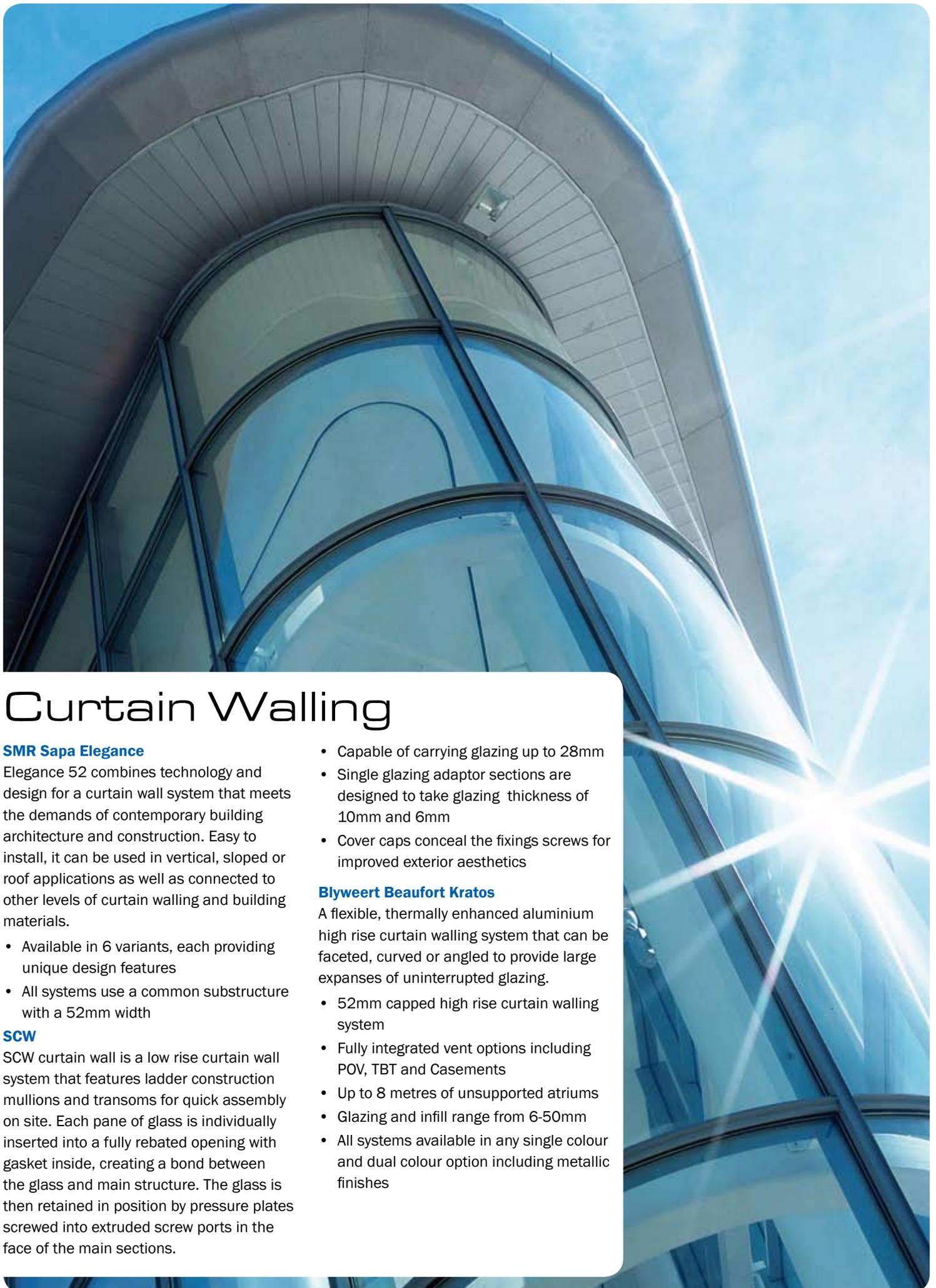
- Slim sightlines for high aesthetic appeal

- Multi chambered for increased strength and thermal performance
- Low threshold feature if required
- Split spindle handle operation option
- Dual colour options available
- Dual Secure option available

## EasySecure Doors

CDW Systems is the premier fabricator in the UK offering EasySecure commercial doors – an evolution of the Sapa Stormframe Easyway door. EasySecure has all the high-performing qualities of Easyway but with added security.

- Any hardware can be fitted to improve its security credentials
- Co-extruded bead makes the glass more secure
- Dual weathering around the door minimises air and water infiltration
- New one piece anti-finger trap stile
- New flat face anti finger trap stile for mounting panic bars
- Suitable for manual or automatic operation
- Can be manufactured to meet the requirements of Document M and BS8300 for disabled access
- Can be fitted with special handles, pivot hinges, latch lock, master key systems, emergency exit devices; automatic door openers and electronic security systems



# Curtain Walling

## **SMR Sapa Elegance**

Elegance 52 combines technology and design for a curtain wall system that meets the demands of contemporary building architecture and construction. Easy to install, it can be used in vertical, sloped or roof applications as well as connected to other levels of curtain walling and building materials.

- Available in 6 variants, each providing unique design features
- All systems use a common substructure with a 52mm width

## **SCW**

SCW curtain wall is a low rise curtain wall system that features ladder construction mullions and transoms for quick assembly on site. Each pane of glass is individually inserted into a fully rebated opening with gasket inside, creating a bond between the glass and main structure. The glass is then retained in position by pressure plates screwed into extruded screw ports in the face of the main sections.

- Capable of carrying glazing up to 28mm
- Single glazing adaptor sections are designed to take glazing thickness of 10mm and 6mm
- Cover caps conceal the fixings screws for improved exterior aesthetics

## **Blyweert Beaufort Kratos**

A flexible, thermally enhanced aluminium high rise curtain walling system that can be faceted, curved or angled to provide large expanses of uninterrupted glazing.

- 52mm capped high rise curtain walling system
- Fully integrated vent options including POV, TBT and Casements
- Up to 8 metres of unsupported atriums
- Glazing and infill range from 6-50mm
- All systems available in any single colour and dual colour option including metallic finishes



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