



Hotels

Sapa Building System

Sapa Building Systems has no constraints when it comes to the design and supply of innovative, high quality architectural aluminium systems for hotel projects.



Who are we?

Sapa Building Systems develops and markets high value-added profiles in aluminium and, as part of the Sapa Group, is the leading producer of aluminium profiles in the world.

Our business concept is built on a close co-operation with our customers. We offer architects, designers, specifiers, contractors and our partners a wide range of innovative aluminium systems for curtain walling, doors, windows and specialist applications including solar shading and building integrated photovoltaic power generation.

We cover every aspect of your hotel project

Architectural aluminium building systems from Sapa are developed in close cooperation with architects and specifiers and will meet the latest building regulations. This makes realising your project an easy and straightforward process.

At Sapa Building Systems, we control the design process by using our technical expertise and experience: from the very first dialogue with the customer, through the conceptual drawings and the development of high quality systems, that are easy to manufacture and simple to install.

In order to achieve our goal, Sapa Building Systems is committed to working closely with key specifiers including building owners, architects, developers, main contractors, fabricators and specialist installers. Our Research & Development, Sales & Marketing and Supply Chain teams now set the standard for delivering added value architectural aluminium solutions.

Why choose aluminium?

The essential characteristics of aluminium make it an ideal material for construction. It is light, strong, durable and requires minimal maintenance. It is flexible and easy to handle - this gives it tremendous potential for design. It can be curved, tapered, extruded and cut to the most challenging and dynamic geometries. Where it is cut, the metal's innate resistance to corrosion means that the trimmed edge does not need to be protected. It can be finished in a vast range of colours through powder coating or anodising.

Our expertise in profile design means that we have a huge and fully integrated product range that provides visually stunning yet cost effective solutions to almost any application from a domestic conservatory right through to high rise building envelopes. With the earliest installations of aluminium in construction still withstanding the test of time after well over 100 years, it is evident that aluminium is a genuinely "long life" product. However, when it does come to the end of its life, recycling is easy, energy efficient and total.

Our mission is to provide our customers with market leading architectural aluminium solutions that are innovative, energy efficient and environmentally sustainable.

Why Sapa Building Systems?

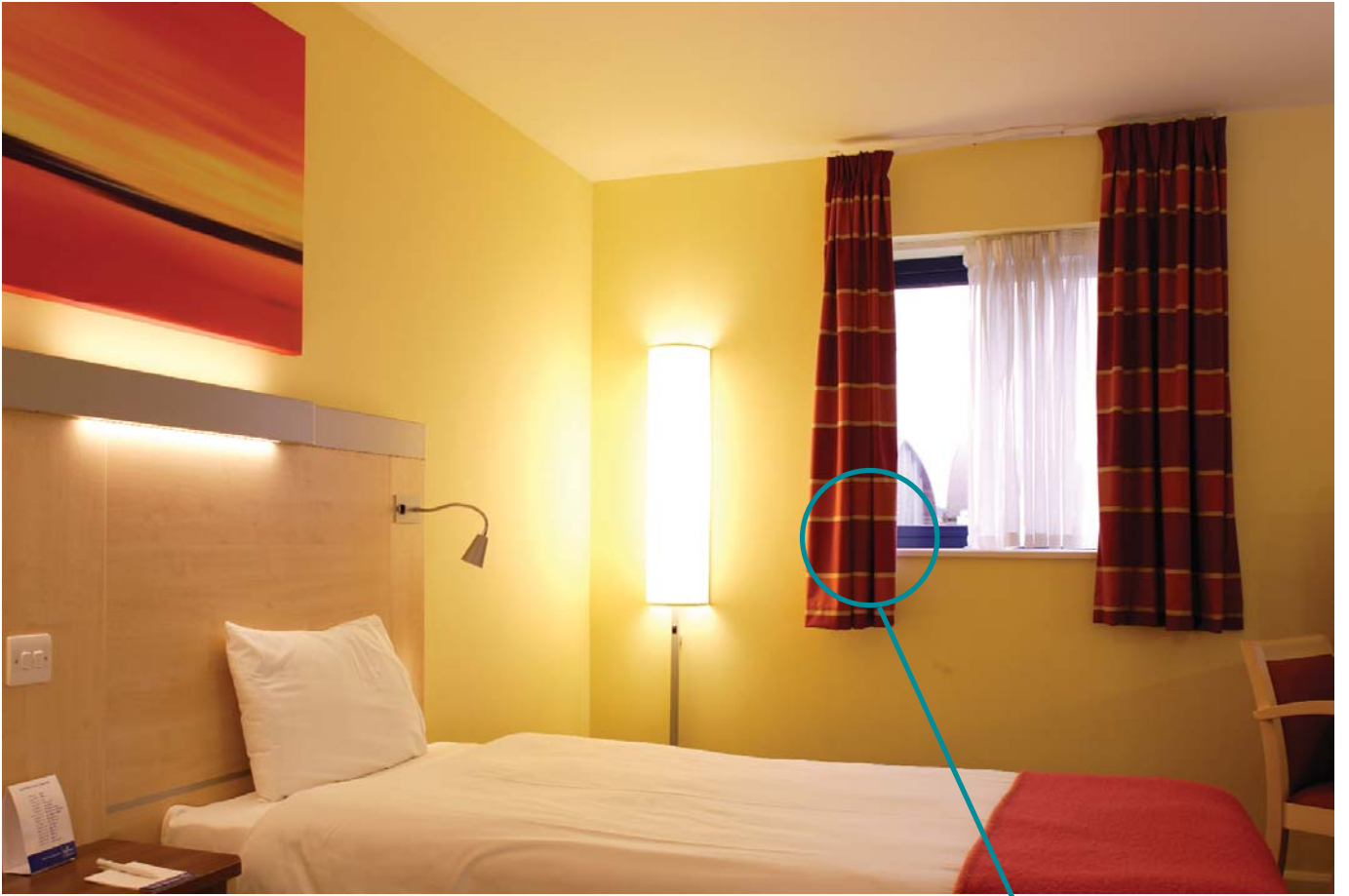
We are convinced that our extensive range of standard systems for aluminium windows, doors, curtain walling, solar shading and photovoltaic energy generation provide a highly aesthetic, practical and technical solution for the hotel sector. Moreover, Sapa Building Systems also offers customised solutions on a project basis that fit into total concepts that are typical of this market segment.

The design process is the perfect marriage between our technical expertise and our particular attention to architectural trends and technical developments. This guarantees high-quality and very effective systems.

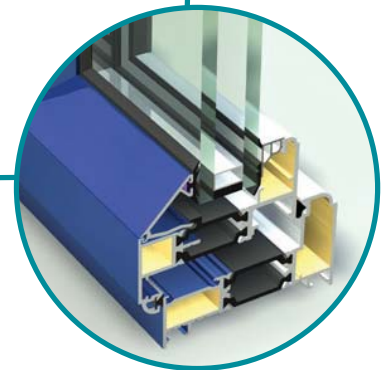
Technical support for architects and engineering combined with meticulous follow-up from pre-design to final delivery plays a key role within Sapa Building Systems. As specialists we understand how the priorities in this dynamic market can change and we can assist with project management right through the supply chain. We can match product range to application so that the end result delivers stunning aesthetics, high thermal performance, safety, security and longevity.

It is the mission of Sapa Building Systems therefore to provide attractive architectural aluminium solutions that are also functional, innovative, sustainable, low-energy and environmentally-friendly.

In short, Sapa Building Systems is the ideal partner for your project.

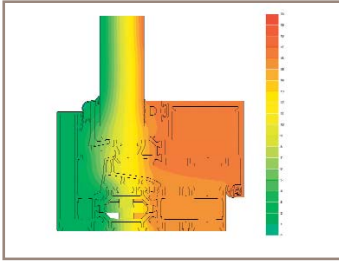


Your guests' comfort is important to you. We ensure they get a good night's sleep by ensuring comfortable room temperatures and sound levels. Intuitive and simple window controls allow guests safe and easy access to manual ventilation during periods of hot weather, when this is part of your building's ventilation strategy.



Key Hotel Design Issues

Guest Comfort and Energy Efficiency



Thermal insulation

Nobody wants to feel cold air around a window or see condensation on frame or glass surfaces. Advanced thermal break technology allows the internal frame temperature to be largely unaffected by cold external conditions. With the Sapa Si system, window U values as low as $1.0\text{W/m}^2\text{k}$ are achievable. High levels of insulation allow you to maximise the efficiency of your heating systems and reduce running costs.



Weather Performance

All Sapa window systems are independently tested to BS 6375 Part1 for resistance to air and water infiltration, as well as deflection under extreme wind loads. When the windows are closed, the elements will not come between your guests and their comfort. Curtain wall systems are tested to EN13830 and CWCT sequence B for the same characteristics.



Solar Comfort/Daylight

Sapa's Elegance SC range of solar shading systems ensure that guests are not inconvenienced by excessive solar gain either in their rooms or in public areas. At the same time the slim sightlines of our systems allow the best use of natural daylight where appropriate.



Acoustic insulation

Hotels are often located close to busy roads, airports and other sources of noise. Sapa's products can be used with advanced glazing materials to ensure that the guest room environment remains calm and serene all night long no matter what is happening outside. Many of our products have been acoustically tested or assessed by specialist test bodies.



Energy Efficiency

A combination of efficient insulation, along with solar shading and Sapa's range of photo voltaic systems will give a host of operational and customer benefits, whilst contributing to reduced energy costs.



Any window above ground floor can present a potential safety risk to a guest, either from them falling out or falling over, or suffering finger entrapment injury whilst operating a window, or from dangers to passers by from dangerous projections or damaged windows.

Key Hotel Design Issues

Safety & Security



Risk of falling

A Sapa Project Consultant can advise on the risks associated with this and help you to select operational methods and hardware which minimise risk. If hotel guests are expected to open and close windows, operating points should be within easy reach and require minimum effort. The selection of suitable frames and glass to withstand barrier impact loadings is also important.



Risk of injury

Permanent or self re-setting window restrictors mean that guests will not have to handle with unfamiliar or difficult devices simply to open and close a window, again Sapa can help you select the right components. As an example our tilt and turn handle automatically resets itself to ventilation mode only, avoiding accidental mis-handling, or guest operation into the cleaning mode.



Public Safety

Many hotels have windows which are positioned over or next to adjacent to pedestrian thoroughfares, car parks or roads, so it is important that the fenestration does not pose a risk to the public. Sapa's range includes sliding and inward opening systems to avoid this.



Security

Many of our products are covered by a Secured By Design licence and windows at ground floor level can be specified to this standard to give your customers peace of mind.





Whilst it is important to look after the guests' needs, this has to be done at an economical cost. In addition to representing good value as an initial purchase cost, the host of features developed for the hotel sector mean that the cost of looking after Sapa's products is kept to a minimum.

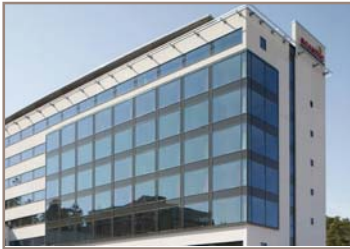
Key Hotel Design Issues

Cost in Use



Appearance

Durable polyester powder coated finishes to EN12206, ensure that your building retains a prestigious appearance both inside and out for a long time to come.



Cleaning

Sapa's systems are compatible with self cleaning glasses such as Pilkington Activ, or we can offer you a range of window operations designed for internal cleaning. In the latter case the hardware will be easy for your staff or contractors to use without misuse or damage.



Robustness in Use

Sapa's products are independently cycle tested to BS6375 Pt2 for mechanical strength to ensure that repeated vigorous use will not damage them and result in a safety hazard or excessive maintenance.



Replacement Components

Inevitably some components will be damaged during the life of a window or door. Many Sapa products use a "Eurogroove" feature which means that hardware from many sources will fit. Because of this you can obtain replacement components quickly and cost effectively.

Case Study: Travelodge, Borehamwood, UK

Products Used:	Elegance SC Solar Shading Elegance 52 Curtain Walling Dualframe Casement Windows
Architect:	JWA Architects Ltd
Contractor:	Barnes Construction
Fabricator:	Wynda Components
Installer:	Allglass (Anglia) Ltd





New Travelodge is a shady spot for travellers

A revamped corporate image combined with the requirement for shading a full-height atrium were key factors in the design of this new Travelodge. As one of the first to be built in line with the Group's new colour scheme, the Travelodge at Borehamwood, near London UK, is something of a flagship. The full height atrium forms a link between the bedrooms, restaurant and check in area of the hotel and guests are protected from excessive sun glare through this south-westerly elevation by Elegance SC solar shading.

Sapa designed the solar shading to maximise the shading effect in the reception area at the busy check-out and check-in times.

Hotel Specialists

From hotel complexes to sporting venues our range of architectural aluminium glazing systems have the ability to bring your project to life visually and perform outstandingly.

Our curtain walling systems present a highly versatile, cost-effective solution to a wide range of demanding specifications whilst our window and door systems give you the flexibility to control access and ventilation throughout the building.

Our systems are renowned for their design capability and offer a wide choice of colours and durable finishes to give your building the image and aesthetics you require. These system benefits are combined with European styling and the unrivalled expertise and experience of the worldwide Sapa Group of companies, to ensure you have the winning combination to rely on at every stage of your project.

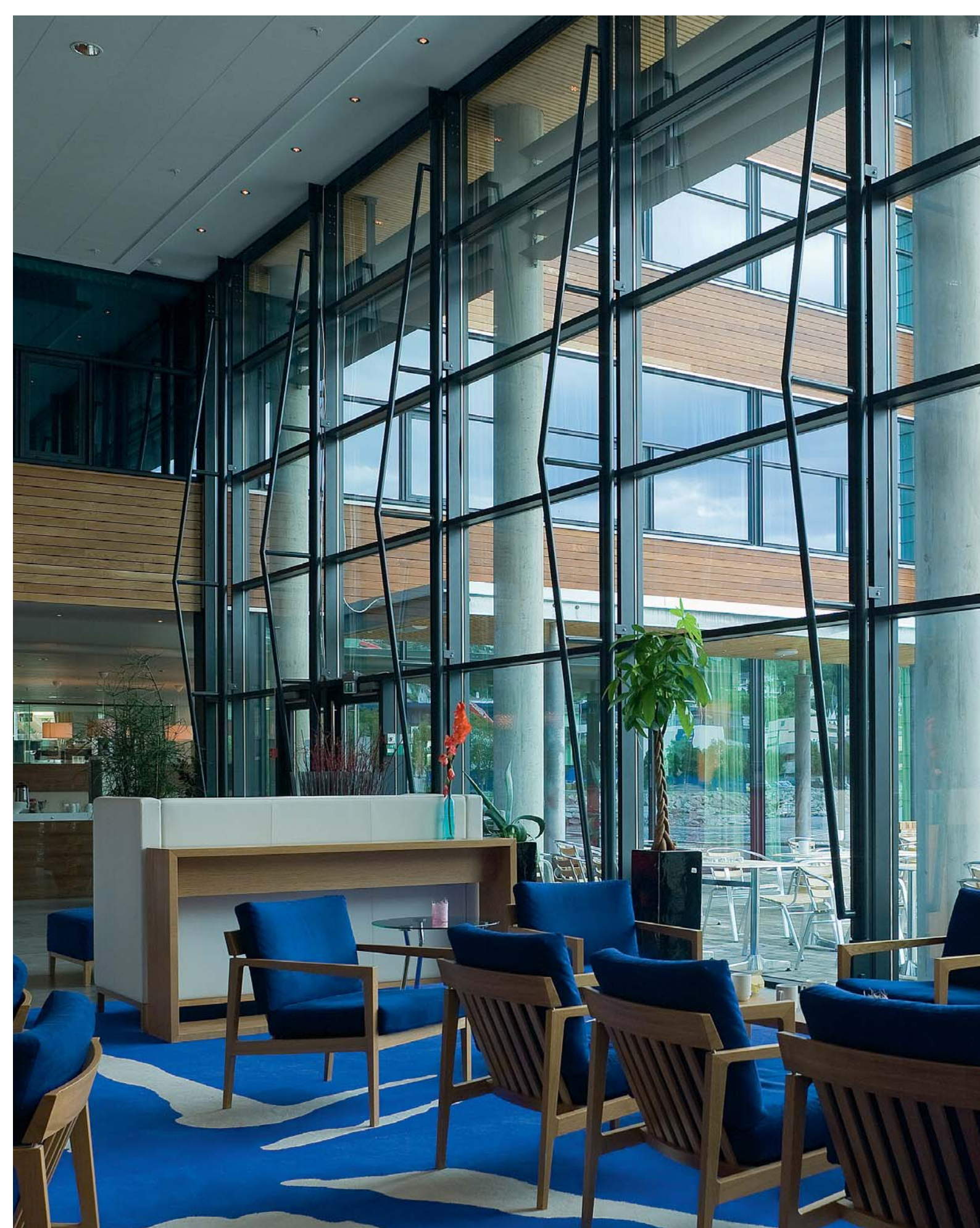




Project: Holiday Inn Express
Architect: Dyer Associates
City: Cheltenham - UK
Fabricator/Installer: MB Glass Supplies Ltd

Systems Provided: Curtain Walling
Casement Windows





Project: Ulstein Hotel
Architect: Slyngstad Aamlid Arkitekter AS
City: Ulsteinvik - Norway
Fabricator/Installer: H-Produkter AS

Systems Provided: Curtain Walling
Solar Shading
Casement Windows
Doors





Project: Liège Airport Hotel Park Inn
Architect: Bureau Audex
City: Liège - Belgium
Fabricator/Installer: Design Métal SA

Systems Provided: Doors
Casement Windows



park inn



Project: Express by Holiday Inn
Architect: Househam Henderson Architects Ltd
City: London - UK
Fabricator/Installer: Perfect Glaze Limited

Systems Provided: Curtain Walling
Casement Windows
Doors



Our policy is one of continuous development and consequently we reserve the right to vary the products and their performance specification shown in this literature without notice. The images shown in this brochure are for illustration purposes only and must not be relied upon for specification. All products and systems which Sapa supply are supplied subject to Sapa's standard Terms and Conditions of Sale.

© Sapa Building Systems Limited

This brochure is issued subject to the condition that it shall not be reproduced without the consent of Sapa Building Systems Limited in writing.

This brochure reference **C5202 0709**

Sapa Building Systems Ltd

Postal address **Alexandra Way, Ashchurch, Tewkesbury, Gloucestershire GL20 8NB**
Telephone **01684 853500** Fax **01684 851850**
Email **info@sapabuildingsystems.co.uk** Website **www.sapabuildingsystems.co.uk**

sapa:
Architectural **Aluminium** Solutions