

**sapa:**

**buildingsystem**

ARCHITECTURAL ALUMINIUM SOLUTIONS



Sapa Building System

[www.sapabuildingsystem.com](http://www.sapabuildingsystem.com)



Sapa Building System's mission is to provide our customers with market leading architectural aluminium solutions that are innovative, energy efficient and environmentally sustainable.



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

To meet customer demands, Sapa Building System has developed high standard solutions taking into account specific market requirements for segments such as Education, Health, Offices, Retail & Leisure, Hotel and Housing.

When it comes to curtain walling, windows, doors, façades, glazed roofs, solar shading, photovoltaics and many other aluminium systems, we focus our resources on developing the most appropriate, efficient and effective products that will meet the project criteria whether they are based on security, design aesthetics, energy saving or fire resistance.

Sapa Building System is active in many European markets, the Gulf and Asia. We are also entering new territories and developing our global presence by strengthening our export links with local manufacturing facilities. For the future, Sapa Building System's core values of loyalty, quality and innovation together with our entrepreneurial approach will drive our processes towards continuous improvement for specifiers and our customers across all of the markets we serve.

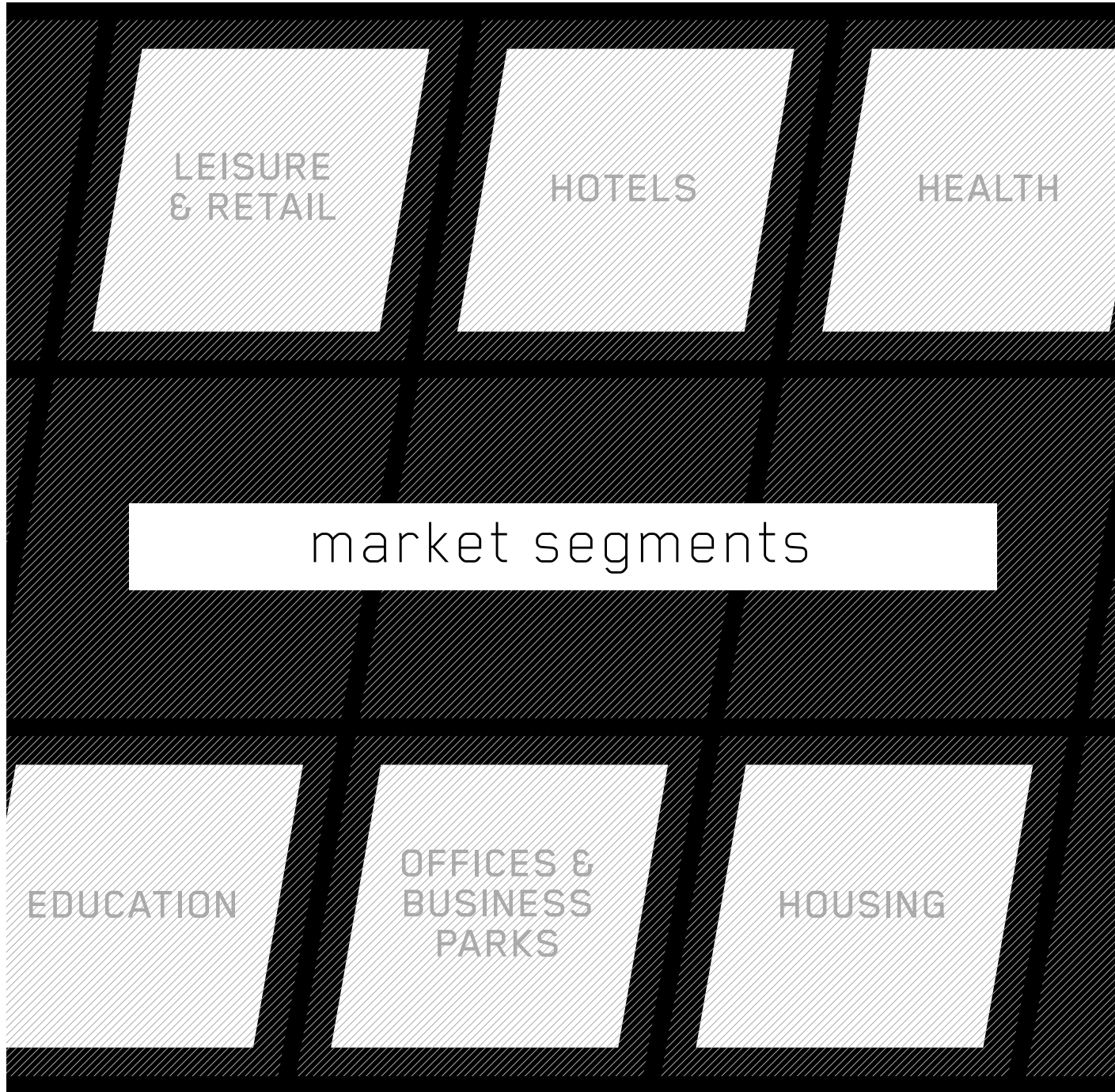
I am convinced that this approach to working closely with our customers is the key to long term, mutually profitable growth.



**Hans Johansson**

President Sapa Building System

**As a perfect Möbius Strip has no visible boundaries, so Sapa Building System has no constraints when it comes to the design and supply of innovative, high quality architectural aluminium systems.**



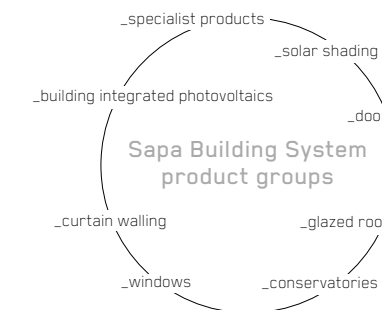
Sapa Building System has years of experience in all segments of the building industry. Over time we have developed key solutions for market specific requirements.

Comfort, light, design and energy savings are essential to all environmentally friendly structures. Still, customers' expectations and market segment requirements have different focuses depending on building sectors, usage and people.

Sapa Building System has developed specific solutions to meet high standard demand of such different market sectors as Housing, Health, Education, Offices, Hotels, Retail, Leisure and many others.

Moreover, Sapa Building System is concentrating its R&D and Marketing to develop tailor made solutions for the building envelope providing distinctive offerings for each market segment:

- » Energy savings with high insulation performance.
- » Green energy with photovoltaic technology; adjusting light and temperature with solar control systems for offices, retail and leisure.
- » Noise control for hotels, offices and houses
- » Safety - including access control - for housing, condominiums, hospitals and work environments.
- » Accessibility and access control for office parks, hotels, schools, hospitals.
- » Advanced solutions with fire and blast resistance offering for embassies and chemical platforms.
- » Hygiene protection for the health sector with antibacterial coating, anti-ligature and self harm protection.
- » Protective systems for use at schools and public buildings, including anti finger traps and other safety solutions.



With Sapa Building System you have a dedicated partner that listens to your specific needs and aims to provide the optimized solution for your construction project, new build as well as renovation. Sapa Building System teams will accompany you all through the construction project.

Sapa Building System product ranges provide design solutions in new build and refurbishment for public and private sector applications including residential, industrial, commercial, retail, sports and leisure, education and healthcare.



environment

Aluminium, the primary raw material in our façade systems, is known as the green metal. In addition, our products themselves contribute to the environmental performance of the buildings in which they are used.

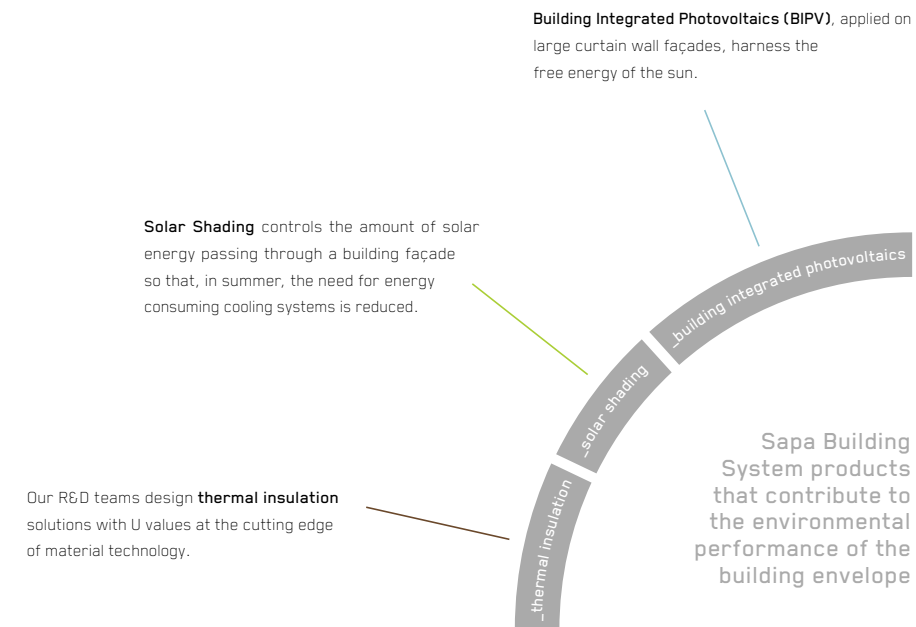
#### Our material: aluminium

Aluminium is a resilient material with a unique combination of characteristics and benefits. One of its major qualities is its environmental aspect. Aluminium is completely and indefinitely recyclable, without losing its fundamental properties. About 8% of the earth's crust consists of aluminium in the form of different metals. Aluminium is one of the few metals for which the availability of raw materials is literally unlimited. The material properties of aluminium contribute to low environmental impact in Sapa's production, in our customers' production and by the end-user.

Aluminium can be reused for the same purpose over and over again. Unlike many other materials, aluminium does not lose its unique properties. Moreover, recycling requires only 5% of the original energy input. With 75% of the aluminium produced since the 1880's still in use, and recovery rates of aluminium from buildings in the region of 90%, the amount we will have to remove from the earth to support future demand is limited. Sapa has remelt plants across the world, in which we recycle our own process scrap.

#### Our solutions

In the race towards passive energy buildings Sapa Building System provides energy solutions integrating photovoltaic generation into aluminium façades. This results in low cost, sustainable power and the opportunity to combine clean energy, great building design with cutting edge thermal insulation solutions and the exact configuration of solar shading needed to achieve the perfect balance on each individual building.



Windows, doors and curtain walling systems have a complex role to perform. We believe that sustainable buildings offer robustness, security and comfort as well as minimised energy consumption, and our products are designed to help to achieve all of these objectives.



global // local

// AUSTRIA  
// BELGIUM  
// CHINA  
// DENMARK  
// FRANCE  
// FINLAND  
// GERMANY  
// INDIA  
// ITALY  
// LITHUANIA  
// NETHERLANDS  
// NORWAY  
// POLAND  
// PORTUGAL  
// QATAR  
// ROMANIA  
// SLOVAKIA  
// SPAIN  
// SWEDEN  
// SWITZERLAND  
// TURKEY  
// UNITED ARAB EMIRATES  
// UNITED KINGDOM

**Cross-border cooperation, coupled to our determination to succeed, means you can always benefit from Sapa Building System's support network. Advice, assistance and problem solving are never far away, no matter where your project is.**

When it comes to engineering support and planning, the experience of Sapa Building System and its partners is a guarantee for a timely execution of your building project.

Sapa Building System is one of Europe's largest suppliers of aluminium building systems which belongs to a leading international group that operates around the world and has activities in profile extrusion and heat transfer as well. It is formed out of 5 operating companies with product lines that are well known by the market. We unite those individual companies and link them through research and development, design, technology and best practice. As a whole, Sapa Building System aims to be the preferred European provider of environmentally sustainable and energy-efficient aluminium building system solutions, distinguished by service, reliability, technology and innovation.

#### **Fabricator network**

Present in more than 24 countries, Sapa Building System's fabricator network provides advice and assistance for specifiers right through the supply chain. We work closely with our authorised fabricators and installers, ensuring that they have the latest product details to hand and the correct systems and procedures in place to handle all sizes of installations. It literally is true that our customer base can cope with anything from a small scale refurbishment to a high profile, high cost new build development.



dialogue

Sapa Building System's strategy is to work closely with customers and to identify solutions and services that generate added value.

**At Sapa Building System, we put our customers first.** Our focus on product development is coupled with an in-depth appreciation and understanding of our customers and what they want to achieve. We aim to give architects and specifiers an unparalleled choice of innovative and inspirational products with support services to match.

**Advice and guidance are key words in Sapa Building System's philosophy.** Field based Project Consultants work closely with our in-house Project Support Teams to provide specifiers with specialist advice concerning the correct application of our products for their project, giving guidance on Building Regulations and other issues such as product specifications, usage, maintenance and safety. Design stages can be formalised through written specification documents and supported by samples, literature and drawings for consultation or planning issues.



Why put enormous effort into scheduling your building project when this can be done for you? **SapaLogic is a user-friendly and innovative programme for fast, efficient and complete calculation of bills of materials for windows, doors, curtain walls and conservatories.** The system can be linked directly to cutting and machining centres for accurate and efficient manufacturing. Detailed drawings can be produced directly from the keyed input, therefore reducing processing time.

**For Sapa Building System, your project does not end at the moment of delivery.** Our partnership approach continues through the whole project allowing for on-site monitoring of manufacturing and installation and ensuring the specifier always has professional support from a worldwide group.

**Biblio, our on-line product catalogue,** completes the picture by allowing fabricators to choose the correct profiles from our extensive product ranges based on criteria such as U values, static and dynamic loadings, project location and building use.



Research and development are essential within Sapa Building System's business. We strive to be innovators in design.

**We combine excellence and expertise.** Backed by the resources of the Group, Sapa Building System offers architects and specifiers a wide range of innovative aluminium systems for curtain walling, façades, doors, windows and specialist applications. With a wealth of European knowledge and experience, our company incorporates product lines that are respected around the world and that have satisfied the demands of specifiers for over four decades. We have brought this exceptional expertise together to produce a class leading range of innovative aluminium systems.



**Our thoroughness is your peace of mind.**

All of our product developments are subjected to stringent tests in our own workshops as well as independent official external test houses. In conjunction with pan-European standards agencies, Sapa Building System aims for an objective and undisputed evaluation to ensure our products can be specified with total peace of mind.

**We cover every aspect of your project.** Architectural trends and technical developments define our design process which we then combine with technical excellence to deliver high performance systems. Wind and dead loadings, static and dynamic weather sealing, acoustic and thermal insulation, blast resistance and security and, of course, stunning aesthetics are all factors taken into account as we design our ranges to allow unlimited ideas to be realised on site.



**Off-site construction.** Factory conditions are very difficult to replicate outside. This is why we have developed unitised curtain walling and other products that minimise the impact of on-site variables such as weather conditions.

**We think ahead.** The increased demands that will be placed on future projects motivate us to think ahead, to anticipate future laws and regulations in a global context.

All of our new products are CE marked.



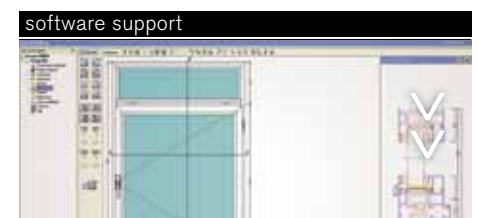


Thanks to the Sapa Group structure, we control the whole process from start to finish. Our customers can therefore have confidence in a secure and efficient supply chain.

**Strength in numbers.** At Sapa Building System, we work closely with our fabricating and installing customers to provide a seamless service. We can take conceptual designs from the drawing board and turn them into reality on site. Our strength in depth is experience of all types of projects right across Europe, the Middle East and beyond. We know what is required to combine the design aesthetics with functional performance to deliver a project that will stand the test of time.

**Sapa Building System's facilities include:**

- » A recycling remelt facility
- » Multi-site extruding
- » Research and development teams
- » In-house test centres and associations with approved test houses
- » In-house thermal break facilities
- » Anodising and polyester powder coating facilities
- » Quality Guarantee
- » Project Support Teams
- » Distribution facilities



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