Omnis By System’, a leading provider of premium, architecturally inspired exterior solutions.

Comprising four divisions – Roofing & Cladding, Rainscreen Panels, Rainscreen Framing and Complete Façades – underpinned by our respected technical expertise, project management services, fabrication offering and export activities, Omnis By System’ is your single source exterior solutions provider.

Throughout history, the built environment has taken on a myriad of shapes, styles and textures. Whether in response to emerging technologies, new approaches, anticipation of future trends or a respectful take on the past, architecture is a living reminder of how our urban environment has evolved and continues to evolve year on year.

Architecture today needs to deliver on so much, from meeting standards and environmental ratings to maximising value and achieving uniqueness. At Omnis By System’, we understand this, and by combining our expertise and your project needs, we will deliver the results you expect.

Our vast history, impressive projects and high calibre customers are testament to our ability to deliver results time and time again. We offer technical expertise you can rely on, a partnership you can trust, the choices you want and the high-quality systems your buildings demand. Backed by our aftersales support and comprehensive warranties, you will experience total peace of mind.

By working with Omnis By System’ you are choosing a partner who can offer complete solutions, and help you to create beautiful buildings that will stand the test of time.

Discover more at www.systembuildingproducts.com

Contents

04. Overview of roofing and claddings
06. SpeedDeck
07. ZioLok
08. LokRoll
09. LokFaçade
10. Structural Decks
12. LokFold
14. SpeedZip
15. Pierce Fix Solutions
16. Refurbishment & Living Roof
The crowning glory of any building design is the roof. Here you can really unlock the building’s potential and unleash your creativity – making a dramatic statement with curves, flows and canopies, complemented by exciting finishes and colours.

The versatility of our roofing range lends itself to all types of market sectors and building types such as: education, leisure, health, industrial, commercial and retail. Mindful of the exacting standards covering acoustics, weather protection and thermal efficiency, our profiles deliver sleek, cost-effective designs, while our high-quality materials offer exceptional performance.

With some of our systems having market-leading installation speeds, our roofing products can minimise time and therefore on-site risk. As you would expect from the pioneers of the systems approach, all our profiles and accessories are designed to complement each other. Together they form complete and cohesive roofing and cladding systems.

You can rely on our proven technical expertise and over 30 years’ experience to ensure that your project runs smoothly, on budget and meets your expectations.

BBA approved, produced to the highest quality standards and UK manufactured to precise sizes and tolerances.

Choice and technical flexibility, which deliver curves, tapering and unique finishes

You demand weather protection, thermal efficiency, tailored acoustics and technical flexibility... our ranges offer it all

Roofing Systems
Our vast range of weathertight and durable standing seam roofing systems come in a range of materials, finishes and sizes. Whether you require zip up, secret fix, roll locking or trapezoidal roofing systems, you are sure to find one suitable for your refurbishment or new build project.

- LokFold
- LokRoll
- SpeedZip®
- SpeedDeck®
- ZipLok
- Various pierce fix solutions

Facade systems
Metal cladding systems which integrate effortlessly with our metal roofing systems. Each one provides an outer weather-resistant decorative skin and offers an abundance of choice in materials and technical capabilities.

- ACM
- CladFrame
- Cladscreen
- LokFacade
- LokFacadePlus
- RibLok

Other Systems & Products
To support our metal roofing and cladding systems we provide a number of products and accessories:

- Creative profiles
- Composite panels
- Framing
- Green roofing
- Stramliner
- Structural decking
- WalkLiner
- Walkways
- PV Clamps
- Other accessories
The original secret fix standing seam roofing. The double interlocking ribs and clips ensure strength and watertight integrity.

In the 50 years since inception, SpeedDeck secret fix roofing has become a worldwide proven system that offers fast, simple installation, with excellent performance and design flexibility.

Secret fix standing seam built-up systems have been used throughout the construction industry for many decades. Maintaining a straightforward design, straightforward to install principle, to provide a continuous weather tight roof with no end laps. In addition there are no exposed pierce fixings, therefore creating a simple strong roof or façade system offering outstanding performance and total versatility.

Available in:
- Stucco Embossed Aluminium
- Precoated Aluminium
- Colorcoat HPS200 Ultra® from Tata Steel
- Plastisol
- Also available in specialist coatings

Other Information:
‘Secret-Fix’ standing seam roof profile for aluminium and steel built-up systems complete with structural deck and WalkLiner® for all acoustic, curved, high-humidity, refurbishment, high-security and green roof applications.

The side laps are zipped up in conjunction with a unique halter system that is fixed directly to the supporting structure, without penetrating the external weather sheet. This method of secret fixing creates a structurally sound roof that gives excellent resistance to wind uplift with pleasing aesthetics.

ZipLok offers a complete range of complementary products, which provide compatibility between components. The complete approach ensures the integrity of the system can be guaranteed, or that it can be shown to have compliance with the ever more stringent Building Regulations.

More importantly, it enables us to calculate variations in terms of acoustic properties and thermal transmissions to suit different applications, as well as loading capabilities, impact resistance etc.

Available in:
- Aluminium
- Steel
- Stainless Steel
- Zinc
- Copper
- Clad alloy
- Plus a range of finishes

Other Information:
Buying from a single source eliminates problems of colour matching or other incompatibilities. We are able to ensure that fascias and accessories are produced from the same batch of coated coil as the top sheet.
LokRoll

A secret fix standing seam roofing system - featuring a unique roll locking fixing method, for a continuous weathertight roof.

The interlocking sections fix directly to the supporting structure, concealing the fixings and providing complete protection from the elements.

The use of standard accessories and the absence of ancillary clips, caps or reliance on mastic, fillers or site seaming machinery provides an easily installed and aesthetically pleasing roof construction. The system provides a structurally sound roof with excellent resistance to wind uplift.

LokRoll sheets are available in long lengths, which helps to eliminate the need for any end laps. LokRoll standing seam system easily complies with the stringent performance standards required by the Building Regulations over the next few years.

Available in:
- Aluminium
- Steel
- Cover width of 500mm

Other Information:
LokRoll is designed for use in standing seam roofing applications where the actual roof pitch is 1.5° or greater.

Offering exceptional weather resistance and durability the product is suitable for both newbuild and refurbishment applications.

LokFaçade

A cost-effective and aesthetically pleasing cladding solution for soffits, fascias, canopies and external walls.

LokFaçade has been designed to fit an almost limitless range of cladding solutions.

Available in a standard width of 300mm and provides a cost-effective solution for both newbuild and refurbishment projects.

LokFaçade is available with two basic formats, designed to fit either flush or with a shadow line, which can be interchanged to create a number of aesthetically pleasing designs.

Available in:
- Steel
- Stainless Steel
- Aluminium
- Zinc
- Copper

Other Information:
In addition to the standard profiles, LokFaçade is also available with a micro-ribbed profile, which provides a very pleasing appearance as well as helping to avoid deformation of the profile when using lighter materials.

Micro-ribbed is available on both flush and shadow line finish.

<table>
<thead>
<tr>
<th>LokRoll</th>
<th>LokFaçade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available in:</td>
<td>Available in:</td>
</tr>
<tr>
<td>- Aluminium</td>
<td>- Steel</td>
</tr>
<tr>
<td>- Steel</td>
<td>- Stainless Steel</td>
</tr>
<tr>
<td>- Cover width of 500mm</td>
<td>- Aluminium</td>
</tr>
<tr>
<td>Other Information:</td>
<td>- Zinc</td>
</tr>
<tr>
<td>LokRoll is designed for use in standing seam roofing applications where the actual roof pitch is 1.5° or greater.</td>
<td>- Copper</td>
</tr>
</tbody>
</table>
| Offering exceptional weather resistance and durability the product is suitable for both newbuild and refurbishment applications. | Other Information:
| In addition to the standard profiles, LokFaçade is also available with a micro-ribbed profile, which provides a very pleasing appearance as well as helping to avoid deformation of the profile when using lighter materials. |
| Micro-ribbed is available on both flush and shadow line finish. | LokFaçade has been designed to fit an almost limitless range of cladding solutions. |
| Continuous Sheets | Available in:
| 750-850m² / day* | - Steel |
| Based on an experienced 3 person team | - Stainless Steel |
| Continuous Sheets | - Aluminium |
| 150-250m² / day* | - Zinc |
| Based on an experienced 3 person team | - Copper |
| Width 500mm | LokFaçade is available with two basic formats, designed to fit either flush or with a shadow line, which can be interchanged to create a number of aesthetically pleasing designs. |
| 500mm | LokFaçade has been designed to fit an almost limitless range of cladding solutions. |
| Based on an experienced 3 person team | LokFaçade has been designed to fit an almost limitless range of cladding solutions. |
| Based on an experienced 3 person team | LokFaçade has been designed to fit an almost limitless range of cladding solutions. |
Structural Decks offer a long span solution with an uncluttered, clean internal finish.

Perforations can be included into the structural deck or structural tray to absorb the sound and reduce the internal sound reverberation in buildings such as schools, leisure centres, swimming pools and arenas.

Using a structural roof decking or structural tray from rafter to rafter can remove the requirement entirely for using unsightly cold rolled purlins or rails on projects where the interior of the roof or wall system is internally exposed, such as leisure centres, swimming pools or automotive retail showrooms.

The long span structural deck is the mechanism by which the design loads from the roof are transferred into the structural frame and provides lateral restraint to the structural frame. Stress Skin or diaphragm action design can be engineered in to the structural decking or tray design to replace most of the in plane roof bracing.

Other Information:
VT Structural Decking and VK cassette tray profiles offer a complete range of structural profiles in steel and aluminium for use under secret-fix metal roofing, single ply and bitumen membrane roofing.

Systems which deliver on performance and design flexibility
LokFold

A high-quality, fully supported traditional standing seam roofing system, available in a variety of quality metal finishes.

The Lokfold system provides traditional standing seams or batten rolls on pitched roofs or walls.

The system is based on metal trays which can be formed in the factory or on-site. They are fully supported by the deck to which they are attached, providing a ‘traditional’ and aesthetically pleasing roof construction that is also extremely cost-effective.

Attachment to the deck is made with a combination of fixed and sliding cleats which allow for thermal movement in the length of the tray. The cleats are mechanically folded into the standing seams either by hand or using a portable folding machine.

Available in:

- Pre-painted Aluminium
- Mill finish Aluminium
- Copper
- Micro Zinc
- Zinc
- Stainless Steel

Other Information:

LokFold is available in a variety of formats, from the plain coil to the fully installed system.

Omnis By System® can provide a complete system to roofing contractors including the trays (site or factory rolled), clips and other accessories and sale or rent of specialist tools including seam formers.

SpeedZip®

A standing seam ‘Zip Up’ roofing solution involving mechanically seaming a profiled side lap over a halter support system.

Standing seam built up systems have been used throughout the construction industry for many decades, providing a continuous weathertight roof with no end laps and no exposed pierce fixings. Creating a roof or façade system which offers outstanding performance, aesthetics and limitless design solutions.

Built-up roofing and cladding systems have also been used extensively throughout the industry, offering a bespoke, lightweight, high-quality, acoustic and quick to install roofing and cladding solution - suited for the commercial, industrial, educational, PFI, MOD, Prison Service, and agricultural construction market sectors.

Available in:

- Stucco Embossed Aluminium
- Precoated Aluminium
- Colorcoat HP5200 Ultra® from TATA Steel
- Plastisol
- Also available in specialist coatings

Other Information:

‘Zip-up’ standing seam roof profile for aluminium and steel built-up systems complete with structural deck and WalkLiner® for all acoustic, curved, high-humidity, refurbishment, high security and green roofs applications. SpeedZip roofing systems gained agreement in 2008.

OSR

Continuous Sheets

Curved

Width variable up to 500mm

Green Roofs

Height 25mm

Continuous Sheets

Red Building

Notre Dame Catholic College

Aintree International Equestrian Centre

* Based on an experienced 3 person team

SpeedZip®
Pierce fix solutions

Used throughout new build & refurbishment projects, this system provides a ‘pierce fixed’ metal roofing & cladding solution.

These roof or cladding panels are generally manufactured in steel with a range of different finishes to suit the environment and performance brief, providing a system with exposed fixings.

Twin skin trapezoidal metal systems can be used in roof and wall applications with a range of differing insulation thickness’ to suit the required U-Value.

In contrast to standing seam systems, trapezoidal or ‘pierce fixed’ roofing and cladding systems are manufactured in steel aluminium. Both the liner sheet & the outer sheet are sealed across the end laps and side laps to ensure no water ingress. Twin skin trapezoidal metal systems can be used in roof and wall applications with a range of differing insulation thickness’ to suit the required U-Value.

Available in:
- Colorcoat HPS200
- Ultra® from TATA Steel
- Plastisol

Other Information:
A ‘through-fix’ metal roofing & cladding system with both the liner sheet and the outer sheet sealed to ensure no water ingress.

LivingRoof

Our range of LivingRoof Products provides the developer, architect and specifier the opportunity to meet the rising demands of reducing carbon emissions and to specify and build systems that meet the future requirements of building standards, taking sustainability and low carbon construction to a new high level.

Benefits:
- Increases oxygen in the atmosphere
- Reduces carbon dioxide and pollutants
- Reduces stress on the local drainage system
- Assists with buildings thermal performance
- Enhances the longevity of the roofing fabric
- Significant improvement in acoustic attenuation
- Promotes local wildlife and reduces urban heat islands

Post & Purlin
Spanning Truss
Pitched Roof
Curved Roof
Green Roofs

Refurbishment

Our range of refurbishment and LivingRoof systems have been successfully specified and installed throughout the UK.

Our new build and refurbishment systems have been successfully specified and installed throughout the UK on many educational projects. Providing real choice to create beautiful, sustainable, long lasting, low maintenance and durable transformational spaces for shared communities, providing the very best learning environment for children and adults.

Also available in:
- Flat to Pitch conversion
- Strip & Re-Sheet
- Over Roofing
- Over Cladding

Other Information:
Our single source refurbishment solutions are tailored to individual performance criteria to significantly improve the buildings energy consumption through improvements to the insulation and airtightness.

Avery Copes, Waste Transfer Station

Amey Copes, Waste Transfer Station
It’s not just about the systems, it’s about how we work with you which really makes the difference.

We understand this and make listening to you, a fundamental part of the way we work.

By keeping your vision at the forefront of everything we do, we’re able to constantly evolve, innovate and deliver the solutions you need. We are passionate about using our technical expertise to bring your creations to life. Coupled with our commitment to you, is what drives our business forward. Whichever role your business plays in the development of a building you can be assured that you will receive the right level of service.

If you are partnering with us on an integrated project with multiple systems or placing a one-off order, we promise you that the systems, products and delivery will be of the same high standard. Every project and order is different, which is why we create tailor-made solutions to suit each application.

After assessing performance and aesthetic requirements, our highly experienced team will value engineer your system to meet your specific criteria.

1. On budget, on time
   Saving time and money throughout all the stages of a building life cycle is crucial, which is why we endeavour to value engineer our solutions to meet your specification and budget.

2. UK manufacturing
   We are a manufacturer, not just a supplier, which means you will benefit from cost, design, delivery and manufacturing flexibility.

3. Choosing the right solution is easy
   Our vast range of systems and products means that we provide an unbiased technical opinion on the best suited and most economical solution for your project needs. Whether it’s an integrated project solution or a single product order, you can trust that your needs are paramount.

4. Market-leading technical support
   Trusted and respected technical advice to ensure successful design and delivery throughout the lifecycle of your project.

5. Long-term performance
   Our products and systems have all been through rigorous processes to ensure that they are fit for purpose and suitably certified. Some systems also come with our comprehensive workmanship warranty.

6. Reducing risk
   Our products and systems are quick and easy to install, thus reducing installation time and minimising on-site risk.

Your trusted partner for complete exterior building solutions.
Our people, your support

You will be supported by a team of people who are dedicated to building and maintaining a prosperous relationship with you.

Our aim is to listen to your needs, understand your specific requirements and work in partnership with you to deliver the best suited and most economic solution. We promise to be transparent and honest to help build a relationship where we can grow, learn and ultimately meet your aspirations.

Key contact
All projects and key accounts will be appointed a key contact. They will be your primary point of contact for all enquiries, issues and concerns which you may have.

We promise to be transparent and honest to help build a relationship where we can grow, learn and ultimately meet your aspirations.

Trusted support
One of the valuable benefits of working with Omnis By System® is the support we can provide throughout an entire project. Our vast and varied experience can help maximise your project’s value at all stages.

Project consultation
Every project is different, and by involving Omnis By System® at an early stage it can considerably benefit the development and realisation of your vision.

CPDs and training
Omnis By System® can deliver training CPD sessions to architects, contractors and fitters.
Omnis By System’ reserves the right to make substitutions and modifications to the specifications of any of its products without prior notice. It is the customer’s responsibility to ensure that the Company’s products are correctly installed and that they are suitable for the customer’s particular requirements and application. The Company undertakes business only upon its standard terms and conditions. For project specific NBS based specifications, CAD Details, samples or technical assistance please contact our technical department on Omnis@systembuildingproducts.com

All information is correct as of the date of this document, created May 2015.