



S&S INSIDER

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Cover picture: Bloomberg London

Season's greetings SAS and welcome to Insider #32! It is that time of year again, and what a year! Bloomberg, Barangaroo, Muscat and Kowloon are all completed or well on the way. All spectacular projects highlighting what we can do when challenged as a team. Very impressive all round.

Speaking of impressed, we had the pleasure of meeting the many people from across the company involved with the Bloomberg project. We were also fortunate enough to visit the site shortly before the official opening for some filming. In my time with SAS, I cannot remember a project that evokes such a strong sense of pride from all corners of the company. Some of you were even brave enough to talk on camera about your involvement. My sincere thanks to all. The video is very nearly ready and an excellent showcase for our people and our work. More on that soon.

A lot has happened since the last Insider in terms of professional and personal milestones for many of you. We have new starters, retirements, numerous weddings and several new babies. The length of the long service awards is a section that always impresses me. A certain employee even achieved 40 years of dedicated service! There are also new products, projects, and awards to get you all up to speed.

In addition, we have gathered as much news as we can from around the globe, Barangaroo being a particular highlight. A great project in a beautiful location.

My thanks as always to the team for sleuthing stories and all of the contributions from across the wider SAS family. Special thanks to Megan Davies, our new graphic designer for refreshing our much-loved Insider.

Have a wonderful festive season, and Happy New Year!

The Insider brings you news from every part of the SAS Group. We would like to have your feedback and contributions, including your views about the changes we have made to the Insider. Our email address is sasinsider@sasintgroup.com



Matt Mills, Editor



Matthew Mills



Gordana Pavlovic



Katherine Seton



Megan Davies



GROUP NEWS

BRIGID 40 YEARS

This year, Brigid Matthews, Administration Manager and Company Secretary celebrates 40 years' of dedicated service. She arrived for her first day on January 1st, 1977 (the year Principle Ceilings officially became SAS International). Ever modest, Brigid avoids the limelight, but such a significant anniversary deserves a mention!

Brigid is a role model and “true-blue” asset, the epitome of dedication, loyalty and hard work. A matriarchal figurehead and SAS stalwart, she has lived and breathed all of our major milestones.

Congratulations on the remarkable achievement, Brigid! A huge thank you from all of us for the years you have dedicated to SAS.



CRYSTAL MAZE EVENT

Hosted by our UK sales team, we recently hosted two Crystal Maze events for local architects based in London. Just like the popular TV gameshow, the event was set up to challenge both mental and physical abilities. Results were mixed (a 1st place and a disqualification) but everybody had a great time reliving the 90s TV classic.

Well done to all competitors and thanks to the team captains Ollie Brosch, Chris Grimmond, Ed Fagan, Eurshell Fearon and Phil Taylor. We look forward to more in the future and rolling out the event to the Northern sales team and their clients.

NEW SALES EXECS

Investing in our regional growth, we have appointed four new Sales Executives to support local and international demand. Please join us in welcoming Graeme Hudson (UK), Shashank Sripathi (ME), Shaun Brecher (ME) and Daniel Palermo (AUS).

GRAEME

What did you do before joining us?

Actually, I never left. My previous role was Quality Engineer at our Maybole factory before moving into my current position as Sales Executive for Scotland.

Can you tell us a little about your live projects?

I am currently working on several projects specifying SAS330. Another recent order is Dalmore House over on St Vincent Street in Glasgow, specifying SAS130 Flushline.

I am looking forward to working with Mathew Teare and Mark Weighill as part of the Northern sales team. Together we will show the southern team a thing or two!

SHASHANK

What did you do before joining us?

Most recently, I was a Technical Sales Engineer for a well-known drywall manufacturer. Now as a Sales Manager for SAS, I am responsible for stock and specification sales in the Middle East region.

Can you tell us a little about your live projects?

I am currently involved with numerous projects in the UAE, including the Shindagha Museum.

SHAUN

What did you do before joining us?

My previous sales roles were with another global ceiling manufacturer and a UK-based international building products distributor. My new role with SAS is similar with the addition of new export territories such as Jordan and Iraq. I have built a healthy construction network within the region and have significant acoustic ceilings experience.

Can you tell us a little about your live projects?

I will be looking after specification projects as well as major transport opportunities throughout the region. The challenge of growing the SAS footprint within the Middle East is incredibly exciting!

DANIEL

What did you do before joining us?

I started in construction aged 4 when I fell in love with LEGO. Since then I have been fortunate enough to work for some fantastic industry brands. My most recent role was working with a building products distributor allowing me to work closely with contractors.

My new role covers specification projects within Victoria in Australia.

Can you tell us a little about your live projects?

I am fortunate enough to take over from where Clinton left off. We are progressing some amazing projects, one of which is the Melbourne Convention & Exhibition Centre.

SAS900 POLYNODE LAUNCH

Earlier this year, we launched SAS900 Polynode, the world's only adjustable, 3D polyhedral metal ceiling system. Specifiers now have a realistic and affordable option when creating three dimensional feature ceilings.

The ingenious aspect of the ceiling is the polynodal hanging method that allows complete flexibility with just one tile size.

This drastically reduces manufacturing costs enabling us to offer this visually impactful ceiling without busting budgets.

Where truly spectacular ceilings are required, we have the technology to scan any 3D surface and recreate using Polynode. Specifiers are already excited to use SAS900 and we can't wait to show you their designs in future Insiders!

For more information, please visit www.sasintgroup.com/sas900/



NEW SAS LIGHTING RANGE

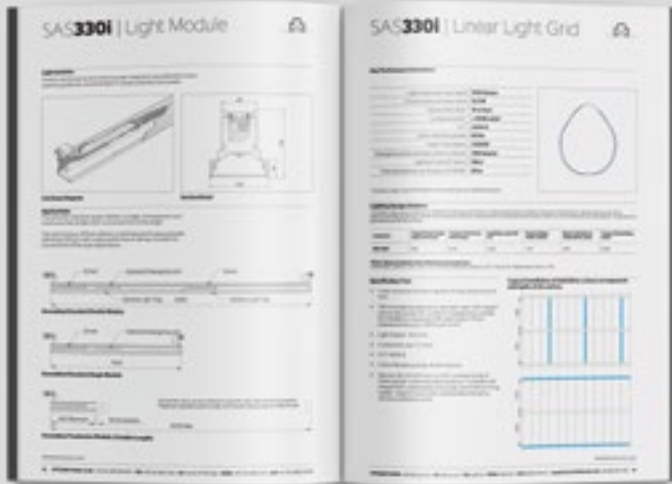
SAS has a long history of lighting integration, dating back to 1976 and our former Program Lighting subsidiary. Since then, we have manufactured thousands of ceilings incorporating lighting technology.

To reflect this, no pun intended, we are proud to announce the launch of our new product range. We have produced a series of niche, integrated lighting products and systems to complement our ceilings.

To begin with, we have developed SAS330i, an evolution of our market leading SAS330 system. SAS330i has an integrated service profile in place of a standard C-Profile. This allows for seamless, unblemished wall-to-wall lighting drastically improving aesthetics and installation times. The new profile can also accommodate other services as required and sensor arrays suitable for emerging Smart Building requirements (IoT).

In addition, we have developed lighting products specifically designed for our SAS500, SAS740 and SAS750 Tubeline systems. Rather than risking aesthetic compromise via third party products, our in-house designed luminaires complement each system beautifully.

We will announce more lighting products for our metal ceiling systems in the coming months. For more information, please contact the R&D team.



COMPETITION: NAME OUR NEW HQ

In 2018, the Reading team will be moving to a new, purpose built head office facility. Supporting our growth aspirations, the new office and warehouse will showcase the best in SAS product design and engineering.

The SAS board of directors and McElhinney family are keen for staff to have a say in the design of the building. As part of this we are very excited to announce a competition to name the new head office. This is a chance to become part of SAS history!

COMPETITION DETAILS

To enter, please email marketing@sasint.co.uk with **New Office Name** as the subject along with your suggestion(s). Alternatively, please see your local pin board where you can offer your suggestions along with your name.

1. The competition is open from time of publication
2. The competition is only open to current employees of SAS
3. All staff are eligible to enter from all regions / offices
4. You can offer up to 3 suggestions
5. The name must consider and reflect 'SAS International'
6. Closing date for entries is Wednesday 31st January 2018
7. The SAS board will have final say on the winning entry
8. The winner will be announced in 2018 at the office opening event

Best of luck to all competition entrants!



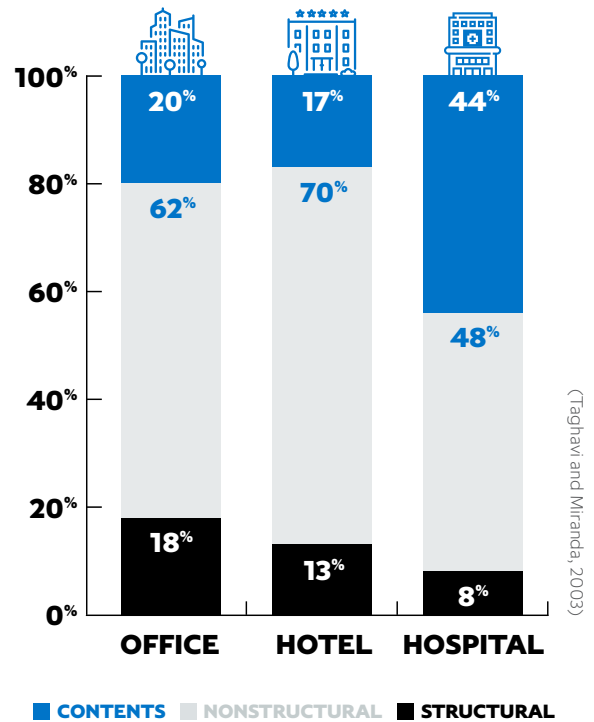
SAS TO DEVELOP SEISMIC CEILINGS

In the last few decades, more than 18 earthquakes with magnitudes of 8.0 or more have devastated communities worldwide. Due to the serious damage to buildings, more attention has been given to the seismic behaviour of ceilings than ever before. Research into this area is crucial. The eventual collapse of tiles or ceiling parts represents a risk for human life, as seen in past earthquakes. Moreover, the disruption of critical facilities such as hospitals and airports presents obstacles in rescue operations immediately after the seismic event. Known as “downtime”, the wider interruption of commercial and productive activities also has serious economic implications.

To better investigate this subject SAS International has started a research project. The aim is to evaluate the seismic performance of SAS systems and design a seismic resistant suspended ceiling. The products will be introduced in the Australian and Middle East market. For this 30-month project, a new engineer has arrived at SAS International. Her name is Laura Fiorin and she came from Italy, where she has achieved her PhD on the seismic behaviour of suspended ceilings. The R&D team is excited to start the project and will soon begin tests on the new test rig in Bridgend.



BUILDING COST



Damage to commercial suspended ceilings result in large property loss. As a non-structural component, it represents the highest percentage of the total building cost.

BCO & RIBA NOMINATED SAS PROJECTS

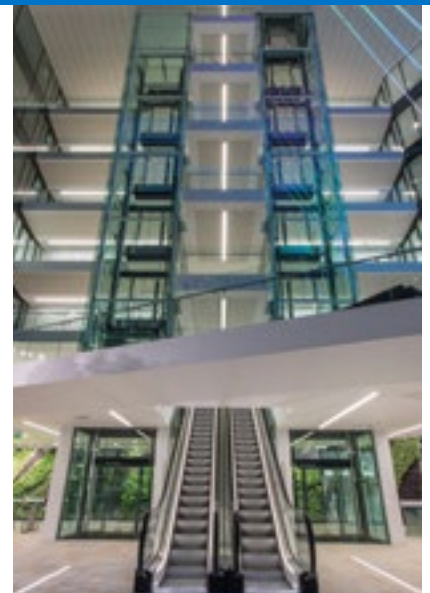
BCO

1 Aldermanbury Square, London
1 City Place, Gatwick
1 Forbury Place, Reading
100 QUEEN STREET, GLASGOW
108 Cannon Street, London
12 New Fetter Lane, London
122 Leadenhall, Omers, London
5 Broadgate, London
7 Cledges Street, London
9 GREYFRIARS, READING
BBC, Plymouth
Central Square, Leeds
Centris, Maidenhead
City Tower, London
Commonwealth Bank of Australia, London
ENERGY SYSTEMS CATAPULT, BIRMINGHAM
ESTEE LAUDER, LONDON
Google, 6 Pancras Square, London
Heathrow Approach, London
Ineos HQ, Grangemouth
KPMG, LEEDS
KPMG, GLASGOW
One Carter Lane, London
ONE CENTRAL SQUARE, CARDIFF
One New Bailey, London
Salters Hall, London
SJP II, ST JAMES PLACE, CIRENCESTER
THE CAPITOL, ABERDEEN
QBE Insurance, London

RIBA

1 KING WILLIAM STREET, LONDON
1 Central Square, Cardiff
Central Square, Leeds
Glasgow City College, City Campus
Francis Crick Insitute, London
FETAL MEDICINE CENTRE, LONDON
Google, St Pancras, London
i360, BRIGHTON
Ineos Headquarters, Grangemouth
New Ludgate, London
OLDHAM TOWNHALL, OLDHAM
One Ruskin Square, Croydon
Salters Hall, London
St Helens Place, London
St Pauls Place, Sheffield
TATE MODERN, LONDON
The Lighthouse, Kings Cross, London
University of Birmingham Library, Birmingham
UNIVERSITY OF NOTTINGHAM, GEORGE GREEN LIBRARY
VICTORIA GATE DEVELOPMENT, LEEDS
Zig Zag Building, London

- REGIONAL WINNERS
- NATIONAL WINNER



MULTI-AWARD WINNING PROJECTS

GLASGOW CITY COLLEGE, CITY CAMPUS

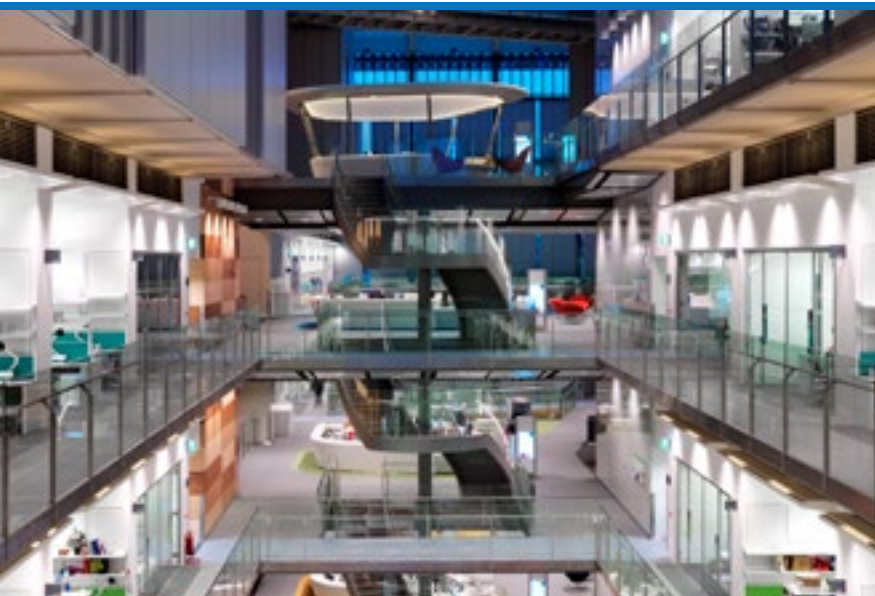
- 2017 Stirling Prize Shortlisted
- RIBA National Award 2017
- RIAS Award 2017
- AJ100 Building of the Year Award 2017
- Scottish Design Awards 2017: Winner – Education
- BCI Awards Major Building Project of the Year [Over £50m] 2017 Shortlisted

CENTRAL SQUARE, LEEDS

- Winner – Best of the Best – Constructing Excellence Yorkshire & Humber Awards 2017
- Winner – Sustainability Project of the Year – Constructing Excellence Yorkshire & Humber Awards 2017
- Shortlisted – RIBA Yorkshire Awards 2017
- Shortlisted – BCO Award 2017
- Shortlisted – BREEAM Award 2017

FRANCIS CRICK INSTITUTE, LONDON

- R&D Magazine – Lab of the Year
- London First – London’s Greatest Research & Development Prize Winner
- London First – Investment in London’s Future Award Winner
- 2017 Royal Town Planning Institutes (RTPI) awards – category: Excellence in Planning to Create Economically Successful Places
- 2017 Royal Town Planning Institutes (RTPI) awards – Silver Jubilee Cup
- 2017 London First/RTPI London Planning Awards Best New Place to Work
- 2016 MIPIM UK Award – Visionary Building of the Year (Shortlisted)
- 2016 New London Architecture Award – Education Category – (Shortlisted)
- 2011 Bentley Be Inspired – Innovation in Generative Design Award Press
- Shortlisted – RIBA London Award 2017



NEW LASER CUTTER

Maybole is proud to be a centre of excellence for complex production and short lead times. Achieving this status was not easy and required a complete audit of our order placement and manufacturing processes.

The factory predominantly processes high volumes of short and medium run items. This means reducing time spent on processes, even modestly, will significantly improve productivity. The overall benefit is shorter lead times for customers and improved accuracy.

The audit identified inefficiencies due to human-centric interactions and processes, lowering productivity and output. The challenge was how to improve productivity safely and accurately.

Maybole explored various avenues, one of which was new machine technologies. The combined efficiencies and accuracy gained by employing a fibre-optic laser and auto-tooling press were significant. We made the strategic decision to invest.

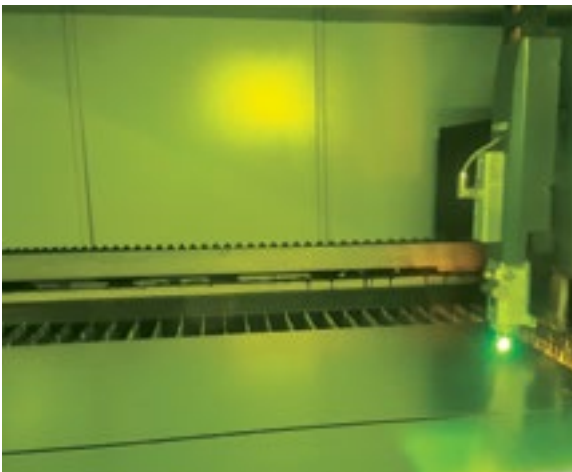
Installation, commissioning, and training went seamlessly resulting in both machines producing parts before the end of February. Combined, the machines bring numerous benefits:

- Reduced waste and more efficient use of materials
- Accommodates steel, copper, brass, aluminium and titanium
- Improved range of thicknesses accommodated
- Improved productivity
- Design flexibility – can create any perf, mesh, shape or pattern
- Improved health and safety (no sharp edges or corners)

Although small in isolation, the combined time efficiencies gained through the new machines are significant. Considering the many thousands of set-ups, we have managed to improve plant efficiency by the equivalent of 72 days gained time. Fantastic news for improving quick turnaround lead times.

The machines have also allowed for far less material waste, assisting us in keeping manufacturing costs to a minimum. Considering the rise in raw material costs globally, this is a key advantage.

SAS International has always understood the strategic importance of investing in the right technology. This is just one example of our long-term approach to manufacturing excellence.





SAS CLASSIC 2017 CHARITY GOLF DAY

On the 24th August, SAS raised a total of £5482.00 for the UK Sepsis Trust in memory of SAS Bridgend's Richard Aplin.

After last year's success of raising over £5000 for the Motor Neurone Disease Association (MND) we gathered our clients together again for a friendly game of golf. It was another fantastic turn out which saw 68 golfers playing across the beautiful Forest of Arden golf course.

WINNING TEAMS

- 1st** Cathal McGuinness, John Kirker, Willy Shaw, Damien Treanor.
- 2nd** Stephen Hughes, Alan Broderick, Peter Gearson, Michael Hubbard.
- 3rd** Phil Smith, Jim Milne, James Milne, Philip Taylor.

Other winners: Peter Gearson, Damien Treanor, Willy Shaw

While putting away, our clients enjoyed SAS' very own pale ale 'Ceiling Squiffy' kindly crafted and donated by Beer Craft Brighton.

This year also saw the introduction of a prize auction and three lucky winners took home:

- A 32Gb iPad
- A 'Four ball' at the Forest of Arden
- Four premium tickets to the Manchester City vs Watford Premier League Match

A huge thank you goes to all the clients and suppliers who came along and sponsored this years' event.

We look forward to next year where we hope to see everyone again!

SPONSORS

Allpack, Alutrade, Arrow Business Communications Ltd, Draught Beer Online, Fireglass UK, Focus Integration, Integrity Software, International Timber, Laidlaw, Lorient, Nasuni, Extrusax, Press Metals UK Ltd, Richard Austin Alloys, Sherwood Stainless Steel & Aluminium, Superior Sections Ltd, Ultima, GCI, Envisage, Zones.



A YEAR IN INDUSTRY

Ellie Losty joined SAS as a Marketing Intern in August 2016 as part of her university degree. During her placement, she was a huge part of the team and we will all miss the “Ellie-isms”. Sad to see her go, we were keen to ask her what she thought of the internship experience.

WHY HAVE YOU CHOSEN TO STUDY BUSINESS MANAGEMENT?

When I left school, I was unsure what I wanted to do. I love learning, so university seemed the best option for me. The reason why I chose ‘Business Management’ was due to the broad nature of the subject. My tutors assured me that a business degree allows you to enter any occupation!

WHY DID YOU CHOOSE TO SPECIALISE IN MARKETING FOR YOUR INTERNSHIP?

I am a creative person at heart. I enjoy art, particularly photography and choosing a marketing and communications placement enabled me to combine these two interests. Despite battling against the “colouring-in department” (!) quips from other teams, marketing is a creative function.

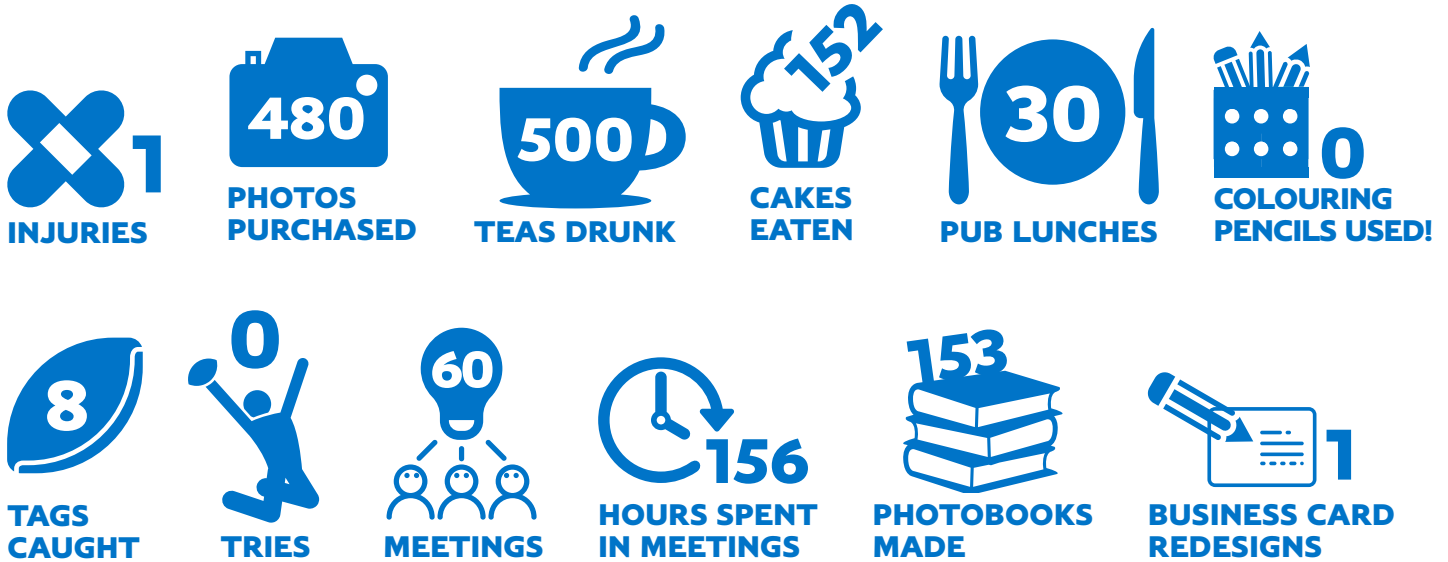
WHAT DID YOU DO ON A DAY TO DAY BASIS?

As a Marketing Intern, I took on the majority of the administrative tasks, from ordering business cards to producing photobooks. Some of the tasks have tested my growing knowledge of the industry. Collaborating with different divisions of SAS gave a clear insight into some of the complexities of an international organisation.

Despite fears about answering phones, one of my favourite tasks was operating the Reading reception on a Wednesday afternoon. (Who knew?!) I relished the opportunity to speak to new people!

Another favourite task has been purchasing project photography, from overcoming time zone issues, to negotiating on price. The photographs I obtained have gone on to feature in SAS marketing material and industry specific magazines. Seeing “my” images in the trade press gave a huge sense of pride.





Over the course of the year, I have broken fingers (SAS Tag Rugby), telephones (when they existed), and computers. IT regularly received my desperate emails pleading for their help. The highly technically qualified IT team always managed to fix things... typically by turning my machine off and on again.

WHAT WERE YOUR EXPECTATIONS FROM AN INTERNSHIP?

I had limited construction industry exposure before I joined SAS, so my expectations were not very high. This lack of specific industry knowledge made starting here very challenging and the learning curve was steep. With support from all employees (particularly SOP) I quickly picked up the specific terminology...most of it ceiling related!

Before I started my placement, I was apprehensive about the tasks I would perform. I assumed I would be doing menial tasks,

such as making teas* and answering phones. The reality was thankfully very different! The time and support given was fantastic. I never expected the opportunity to contribute to a branding exercise, the design of company business cards, or printed photobooks. I felt like a full and valued member of the team. Speaking to my course mates, this was not a typical experience.

*The marketing department drink a lot of tea; I wouldn't have time for anything else!

WAS IT OF VALUE TO YOU?

Yes! The opportunities offered this year have definitely influenced my future career path.

Pursuing a career in the construction industry was not an obvious choice to begin with. I have discovered construction is engaging, complex and highly creative. I now have a greater appreciation of what it takes to build an office, airport and train station. I would encourage friends of mine to work within the industry; construction will always be relevant and necessary.

On a personal note, I appreciate the lengths SAS employees have gone to make me feel welcome. I thoroughly enjoyed my placement and feel I have learned so much!

SAS INTERNATIONAL BRAND

2018 is a huge year for us as we turn 50, offering an excellent milestone to consider “SAS”. As we grow and enter new markets, consistent communication of our brand values internally and externally is business critical.

If you think of a strong brand such as Harley Davidson, what comes to mind? Likely far more than just a motorbike. Perhaps the heritage, Americana, Dennis Hopper (Easy Rider), freedom, exhilaration, the smell of leather, the ear-splitting thump of a V-Twin? Harley Davidson understands our emotional brand triggers and what builds cult-like loyalty. The motor cycle brand has gone to extraordinary lengths to communicate a consistent brand message internationally. It is key to their global success.

Regardless of which brand, we each think about them from an emotional perspective. What they mean to us, good or bad and the relationship we have with them. When we talk about branding, we are referring to the strength of relationship between product and consumer. It is not just slick packaging, logos and corporate colours.

Brand trust is slow to build and quick to break. All of us are SAS ambassadors and a customer’s perception of us as individuals will affect their trust in SAS.

We have engaged a number of you from all walks of SAS life over the recent months to discuss brand. We have also spoken frankly with our customers. It has been a fascinating journey and a huge thank you to all involved. We trust you will like the results and we will be sharing them with you all soon!

STAND OUT TO MAKE US & STAND FOR SOMETHING

Branding helps us become **INSTANTLY IDENTIFIABLE** to **OUR CUSTOMERS**, **OUR PARTNERS** and **OUR COMPETITORS** for all the right reasons. It gives us **DIRECTION** and **DYNAMISM** in a world of mass market ceiling systems.

TO ENSURE WE’RE CONSISTENT IN OUR APPROACH

We pride ourselves on our **QUALITY & SERVICE** which begins with a **SENSE OF COHERENCE**. By using a **CONSISTENT TONE** of voice and visual style in all we do, we assure our customers that we are **RELIABLE AND EFFECTIVE**.

TO KEEP US TRUE TO OUR ORIGINAL VISION

We have a **UNIQUE STORY** and from it we draw many **STRENGTHS** not least our **UNRIVALLED SKILLS AND ENGINEERING EXCELLENCE**. Customers are reassured by **LONGEVITY** and a sense of heritage; we can use our beginnings to both guide and fuel **OUR VALUES, OUR ACTIONS AND OUR FUTURE AMBITIONS**.



PROJECT WINS

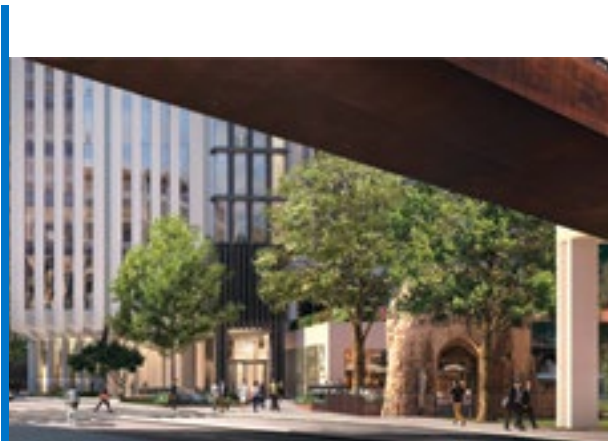
LONDON WALL PLACE

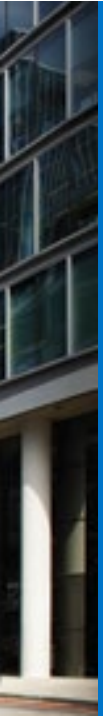
BUILDING ON LONDINIUM

Make architects are shaping history with new developments at 1 & 2 London Wall Place. Overshadowing the original Roman defensive wall and St Alphage Church remains, the office buildings will incorporate the listed structures within landscape gardens and pedestrian walkways.

Inside the new offices, SAS330 suspended ceilings have been specified to match the rectilinear façade panels. Fully let to Schrodgers, 1 London Wall Place will feature SAS150, SAS200 and SAS330 with bespoke service troughs for lighting and other electrical services.

With a cantilevered design, the building will be shaped around the new public access routes providing shelter for pedestrians and maximising floor space for upper floor offices. The façade materials of the project have been specified to match with the local Roman and Saxon remains. Echoing the flint and mortar used on the historic landmarks, long panels of GRC and glazed faience will feature around the double glazed sections.



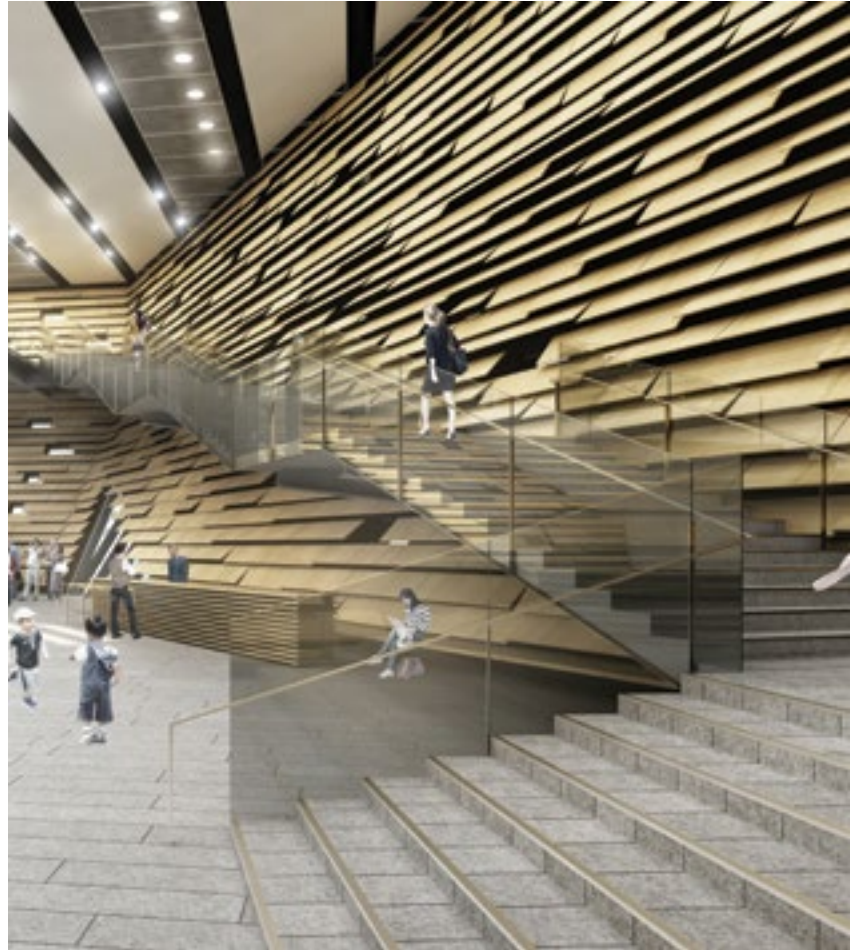


ST BARTS SQUARE

236 apartments, 30,000ft² of retail space and 235,000ft² of office space makes up London's Barts Square mixed-use quarter. The commercial office space is set to achieve BREEAM Excellent with an active solar façade system, ecological roof and touchdown space. White mesh SAS200, SAS330 and rafts will emphasise Sheppard Robsons 'distinctly modern' theme. To challenge the form and materials of The City, the white mesh will stand out against glass, metal and stone elements.

A double height entrance lobby will greet tenants of the new build. In addition, public access to the 10th floor terrace will also offer all an unbroken view of St Pauls.





V&A DUNDEE

The first V&A gallery outside London, the new design centre on the coast of Dundee is already making waves. Made from pre-cast rough stone panels mounted on curved concrete walls the shell of the building is almost complete. From the outside the project will replicate a Scottish cliff face to represent the boundary between land and sea.

Internally the building will continue the nautical theme with sail-like white mesh used throughout the entrance halls and atrium. SAS International is delivering bright white, tapered SAS740 linear profiles and SAS600 mesh rafts to the community project. A hub for culture in Scotland, the museum is expected to open in June 2018 and attract 270,000 visitors annually.

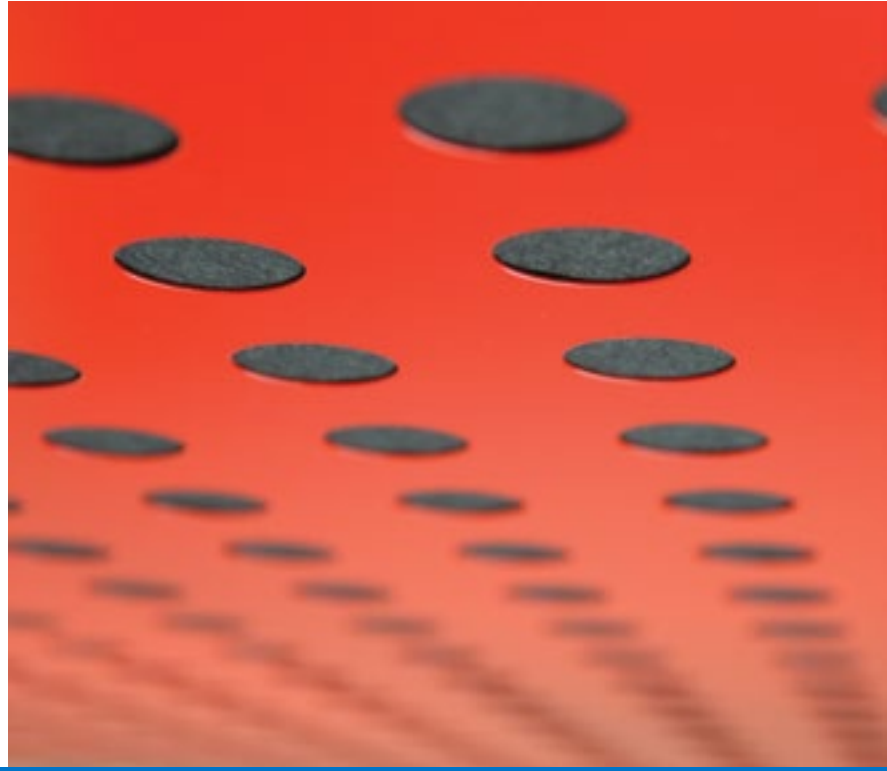


ON SITE WITH SAS

SANTANDER

Fifteen orders have been completed on the Santander Roll Out package that will see the refurbishment of 60 stores across the UK. Recognisable for its red and white flame logo, the colour of the brand was chosen to reflect the company strength, energy and determination.

Adhering to the Santander brand, SAS designed and manufactured a 'Traffic Red' SAS330 ceiling for the multiple projects. With a large 25 mm circular perforation for acoustic absorption the system also features black c-profiles framing each red tile. Branches already completed include Beckenham, Accrington and Edgware with new orders coming in for Durham, Sheffield and Royal Holloway branches.



KOWLOON STATION

Congratulations to our Hong Kong team, presented with the MTR Silver Safety Award. This accolade awards the best contractors from all MTR current projects. With work continuing on site, the installed ceilings look great and we have received positive feedback from the client. Commended for our professional approach, SAS has also received praise for the high standard of product quality, design and installation.

Daniel Rushton, Jevon Marsh, Mark Packer and David Silk are proud to be part of this project. Aided by 120 site members, SAS Hong Kong Ltd is able to deliver the world-class project.



122 WATERLOO STREET GLASGOW

SAS740 linear ceilings will feature on the 122 Waterloo Street project in Glasgow.

Already delivering 21,000 SAS130 tiles to site with another 10,000 to follow, the immense project measures over 150,000 sq. ft. In addition to the lay-in suspended ceilings, SAS740 adds an on-trend acoustic treatment to the project.

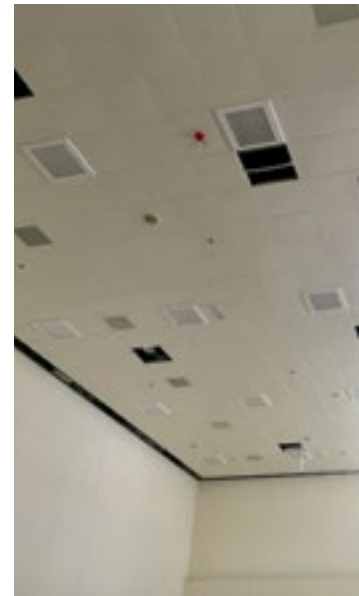
Targeting BREEAM 'Excellent', the Grade A office space features underground parking and a private courtyard garden for staff and visitors. SAS has worked with Michael Laird Architects (MLA) on multiple Scottish projects including the RIBA Stirling nominated City of Glasgow College City Campus.

IMMIGRATION DETENTION CENTRE, DUBAI

Specified for the IDC, 3,500m² of SAS150 features enhanced EMAC grid, security clips and lockable access panels. Due to the intended nature of the building security is key. Completely satisfying stringent security requirements, an enthusiastic team subjected the SAS onsite mock up to a simulated prison break.

Whilst overseeing our ceiling frantically pounded by a lump hammer, an aghast, Mike Collins lamented:

"I never like to see our products treated like that – but it held very well and passed the test!"



AL JALILA MEDICAL RESEARCH CENTRE

Specifying bespoke SAS330 ceilings, the Al Jalila Foundation HQ in Dubai is rapidly taking shape. With collaboration at its core, the new research facility will be within a campus of medical universities and academic centres.

Specified alongside SAS150 tiles, both ceiling systems provide a durable acoustic ceiling with a 25-year product warranty. These features are key for the nature of the build requiring service access and regular cleaning.

Recognisable for its patterned, curved façade, the acoustic ceilings perfectly align to the shape of the building by design. Using rolled radial c-profiles, the ceiling follows the curve of the floorplate without the need for differently sized or cut tiles.





FEATURES

BLOOMBERG LONDON OPENS

Bloomberg's new European headquarters opened in October to significant national press coverage and architectural acclaim. Featuring over 24,000m² of SAS product, the already iconic project demonstrates the best of our design, manufacturing and installation expertise.

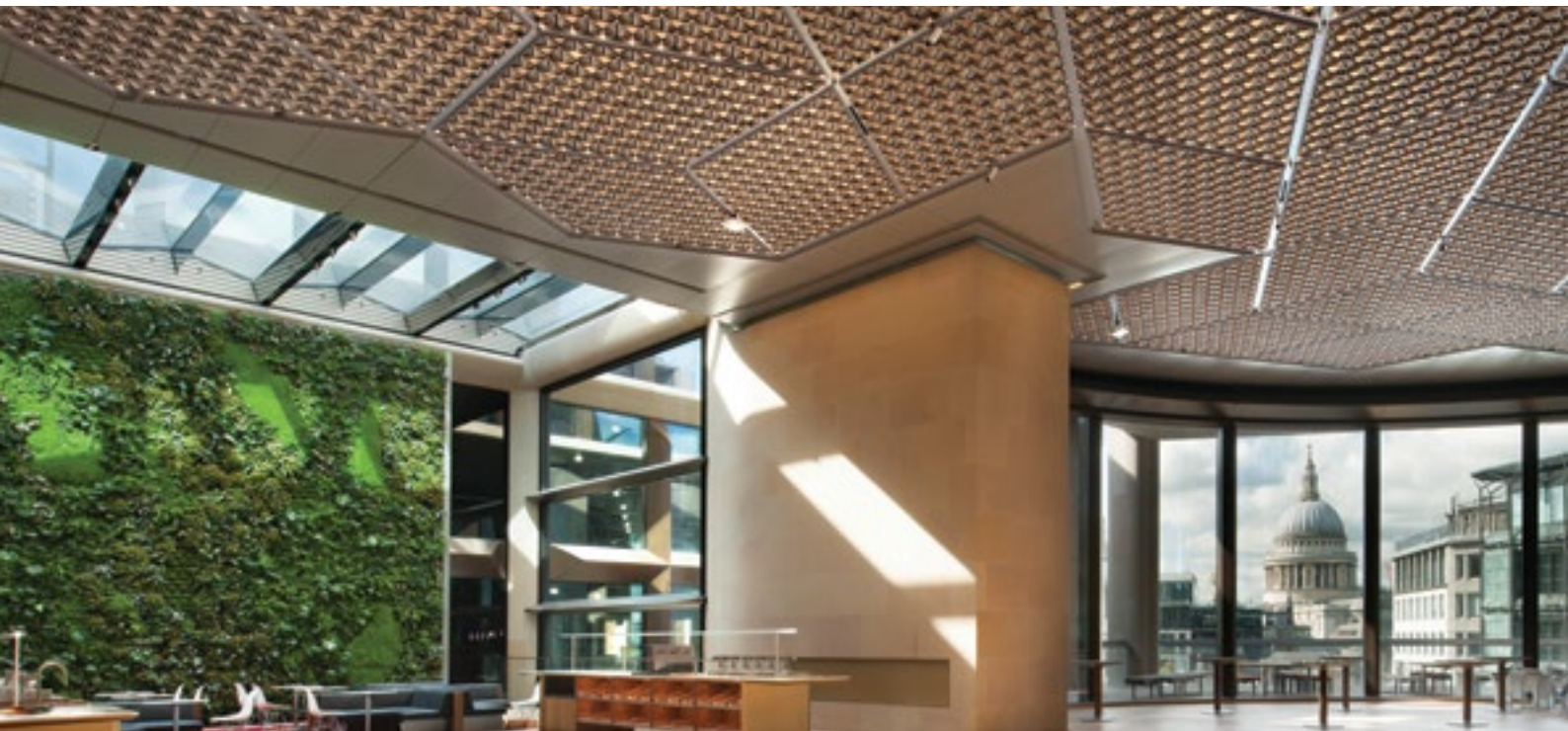
Located a short walk from Cannon Street Station, the bronze clad building sits in the City of London. The grand opening saw Michael Bloomberg, Sadiq Khan and Sir Norman Foster unveil the building.

Achieving a 98.5% 'Outstanding' BREEAM rating, the project is the most sustainable commercial office building in Europe.

Sustainability was a fundamental, underlining objective for Michael Bloomberg, insisting on a considerate design from an architectural and performance perspective. As a guest in London, he strived to be a 'good neighbour'. The appointed architects, Foster + Partners' Michael Jones commented: **"Without the ceiling the sustainability wouldn't be what it is."**

Foster + Partners originally approached SAS in 2012 knowing of our capabilities through previous joint projects. They were seeking a manufacturing and design partner to realise true innovation in product design and engineering. The stakes were high due to the profile of the client and the estimated £1Bn fit-out budget. The right partner was critical, so Bloomberg insisted on a bid through an open competition.

In reality, we began developing concepts and collaborating with F+P prior to winning the project. This goes some way to emphasise our capabilities as a direct comparison to alternate manufacturers. SAS Special Projects



alongside our design, engineering and manufacturing teams did an astounding job. It was a huge effort all round just to win the competition, let alone realise the installation. To instil the required level of trust from the most discerning of clients with reputations on the line was remarkable.

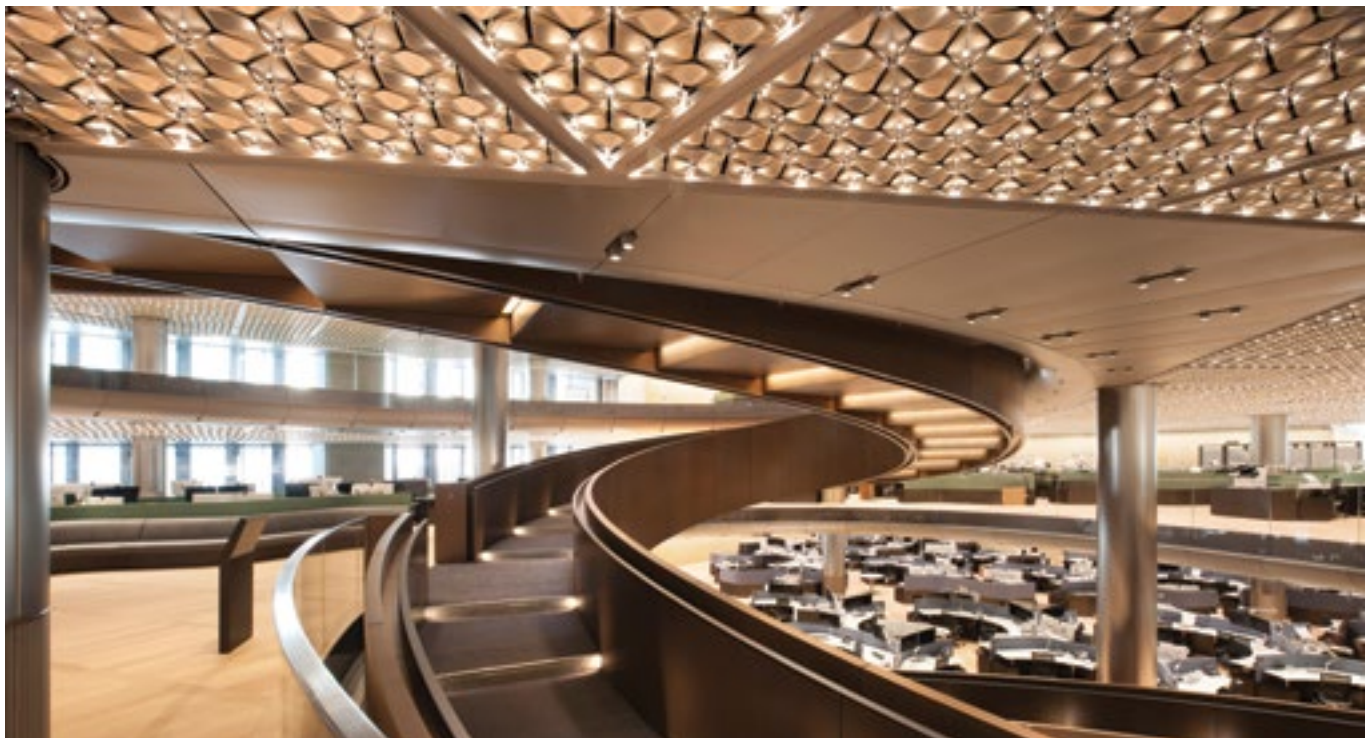
Having won the project, the development work marched on apace. From the beginning, Bloomberg was a collaborative enterprise, both internally and externally. SAS Special Projects oversaw the design, manufacture and eventual installation of the scheme onsite. One of our most exacting and complex projects to date, the installation is equal to the design and manufacturing input.

There are many architectural features of note both inside and outside of the building. That said, you immediately notice our ceiling once inside, it is unlike anything we have done before. The Integrated Ceiling Panels (ICPs) combine acoustics, lighting and temperature control. We believe this is certainly a first for the UK and likely globally.

The design of the petals is not purely an aesthetic consideration and the result of specialist software modelling (CFD – Computational Fluid Dynamics). The sculpted shape maximises surface area to significantly improve heat exchange and optimise airflow to maximise convection. In addition, the slots within each petal improve overall energy transfer. From a temperature control perspective, the design exceeds Category A Thermal comfort, the highest level achievable for an office.

From a lighting perspective, the petal shape minimises the amount of light blocked, improving performance, energy efficiency and reducing costs.

Continued ►



BLOOMBERG LONDON OPENS

Combining chilled ceiling and LED lighting technologies is where most of the sustainable benefits originate. LEDs are typically 40% more energy efficient than incandescent bulbs. Due to the number of LEDs used, they run significantly below max output for the required light levels. They are even more efficient when cooled and operate with an increased life expectancy. The cumulative effect is an incredibly efficient design consuming significantly less energy than is typical in office space.

Acoustic control was an additional requirement, and again the design performs admirably. Tested to Class A absorption levels, the ceiling sufficiently and evenly manages acoustic reverberation across the open plan offices.

Elsewhere architectural metalwork features around the open plan office spaces and multipurpose rooms. Single and double curve perimeter panels with eyelet holes for services, neatly enclose the edges of the ICPs.

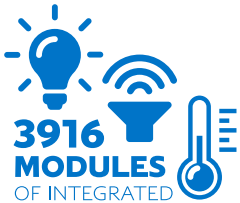
Bloomberg represents a culmination of our 50 years of design, engineering and manufacturing knowledge. It is a phenomenal project, the effort of which may well be lost on those outside of SAS. It is highly unlikely any other manufacturer could have delivered this project at all, let alone to this standard. Everyone internally should be hugely proud of his or her input in making this project such a success. Massive congratulations to all.



DESIGN COMPETITION WON




FROM INITIAL CONTACT TO COMPLETION



3916 MODULES OF INTEGRATED CEILING PANELS INCORPORATING **ACOUSTICS, COOLING AND LIGHTING IN 1**

OVER 24,000m²



OF CEILINGS

122 MILES OF COPPER

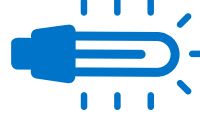



12,000 INDIVIDUAL COMPONENTS




MILLION PETALS

500,000



LEDS (WARM & COOL MODES IN MEDIA AREA)



DEVELOPED FOR THE PROJECT (6 OF WHICH FOR ICP PANEL)



DRAWINGS

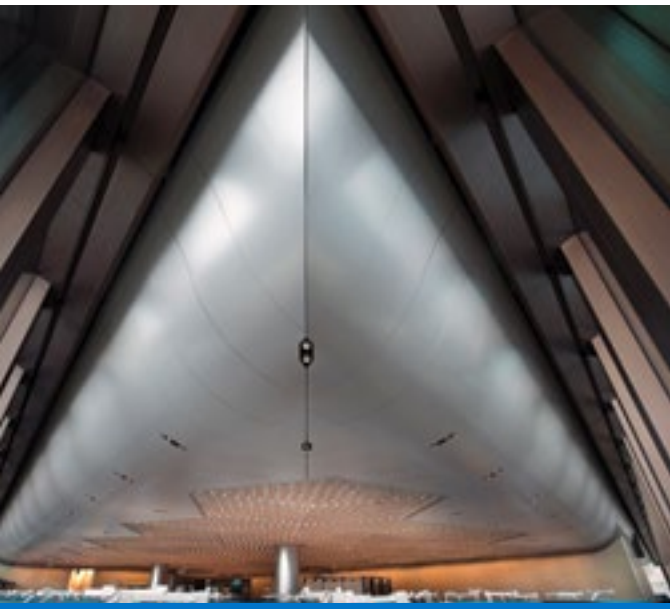
17.6 YEARS



OF DESIGN TIME



SAS PEOPLE ON SITE (AT PEAK)



BARANGAROO

Described as ‘Sydney’s Canary Wharf’ SAS completes the base build and client fit outs of the International Towers in Barangaroo South.

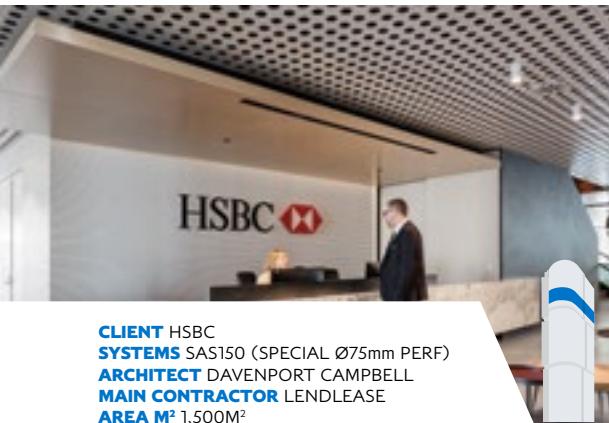
Located on the harbour of the Sydney CBD, the trio of skyscrapers exhibit some of the best office design in Australia.

The new vibrant hub consists of a mix of commercial, residential, retail and leisure destinations, labelled ‘places for people’.

Working with Lendlease and Roger Stirk Harbour + Partners, SAS International initially supplied 250,000m² of SAS200 & SAS330 to the base build. We then went on to win multiple fit outs for the high profile clientele now occupying the offices.

All three towers went on to acquire the internationally recognised 6 Star Green Star Office Design v3 ratings by the Green Building Council of Australia. Tower Two actually received more Green Star points than any other high-rise building has received before in Australia.

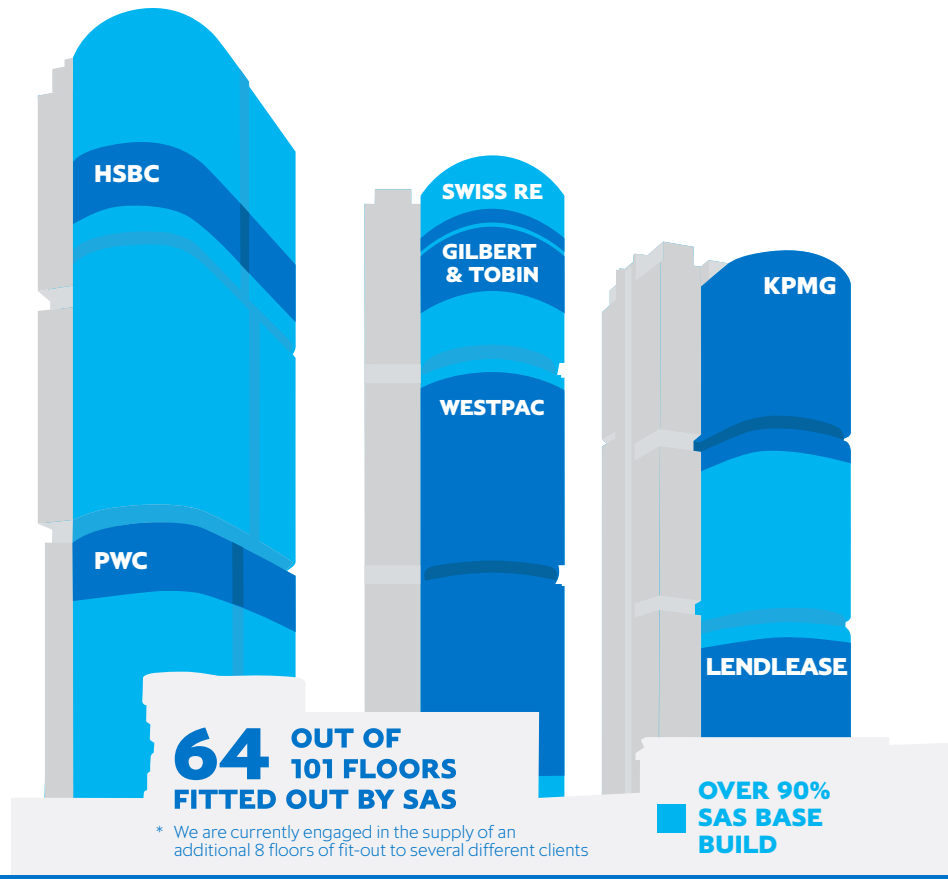
The urban renewal project is a showcase of development excellence and is an exemplary benchmark for the wellbeing movement.



CLIENT HSBC
SYSTEMS SAS150 (SPECIAL Ø75mm PERF)
ARCHITECT DAVENPORT CAMPBELL
MAIN CONTRACTOR LENDLEASE
AREA M² 1,500M²



CLIENT PWC
SYSTEMS SAS200, SAS300
ARCHITECT FUTURESAPCE
MAIN CONTRACTOR LENDLEASE
AREA M² 7,500M²

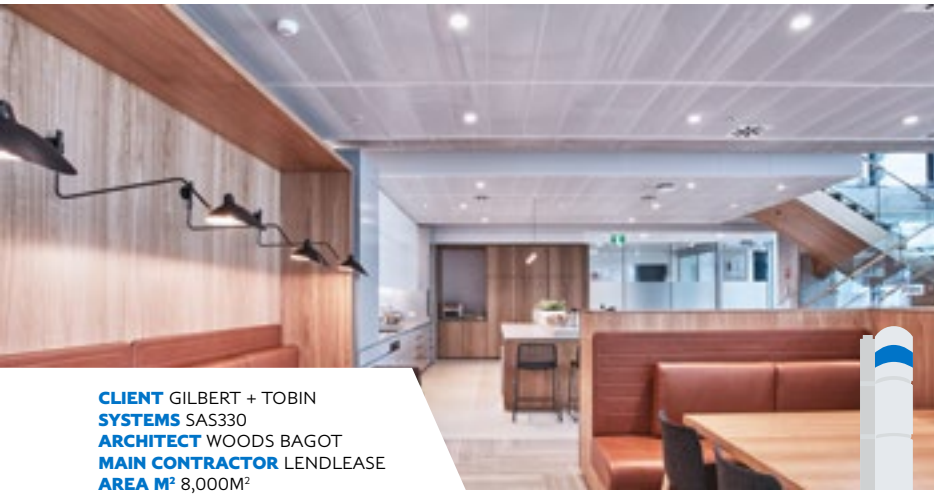




CLIENT SWISS RE
SYSTEMS SAS200, SAS330, SAS750
ARCHITECT HASSELL STUDIO SYDNEY
MAIN CONTRACTOR LENDLEASE
AREA M² 2,200M²



CLIENT KPMG
SYSTEMS SAS330
ARCHITECT DAVENPORT CAMPBELL
MAIN CONTRACTOR LENDLEASE
AREA M² 24,000M²



CLIENT GILBERT + TOBIN
SYSTEMS SAS330
ARCHITECT WOODS BAGOT
MAIN CONTRACTOR LENDLEASE
AREA M² 8,000M²



CLIENT LENDLEASE
SYSTEMS SAS500, SAS750
ARCHITECT HASSELL STUDIO SYDNEY
MAIN CONTRACTOR LENDLEASE
AREA M² 15,000M²



CLIENT WESTPAC
SYSTEMS SAS150, SAS740, SAS800
ARCHITECT GEYER
MAIN CONTRACTOR LENDLEASE
AREA M² 30,000M²

BARANGAROO



SWISS RE



GILBERT + TOBIN



PWC



KPMG



HSBC



LENLEASE



WESTPAC



ACOUSTIC SHAFT LINING

Clients with significant acoustic challenges increasingly engage SAS International. Recently, Transport for London (TfL) posed one such challenge as part of the Crossrail project.

Crossrail is an extraordinary engineering challenge in one of the world's most densely populated cities. Gaining access to the existing underground infrastructure can only be achieved through colossal 30m+ shafts. Eventually, these shafts become forced air ventilation conduits to manage air quality within the tunnels. This crucial function requires huge fans the size of London buses. This is where the challenge presented itself.

Fans at this colossal scale generate noise levels comparable to jet engines on take-off. This harmful level of noise is far in excess of Crossrail's statutory obligation to control noise breakout. After extensive research, no existing acoustic product was able to effectivity manage this arduous challenge. TfL was at significant risk of failing health and safety regulations. Understanding our pedigree in acoustic

excellence, TfL approached SAS International seeking a viable solution. Overcoming the challenge was far from easy, yet we engineered an acoustic shaft lining system that met all project requirements.

Once we had proved the system's acoustic performance through our modelling and testing, we recognised the need for precise installation. The quality of the installation was key to the success of the project, as our acoustic team points out:

“ ... The acoustic performance depends as much on the installation as it does the design – careful detailing means that the efficient sound absorption is not negated by turbulent airflow.”

SAS Special Projects was ideally placed to install the system at London Liverpool Street, our first shaft lining project. Involved from the beginning, their intimate knowledge and technical insight into SL10 proved invaluable to the project's success.

Off the back of Liverpool Street, SAS Special Projects has secured other shaft lining projects across the Crossrail programme. SAS SL10 is an excellent example of our collective design, manufacturing and installation excellence helping to achieve client success.



CASE STUDIES

WEST QUAY WATERMARK

Previously mentioned as a 'Project Win' in Issue 31 of the Insider, the regeneration of Westquay Watermark in Southampton is now complete.

A total of 650 linear metres of bespoke SAS750 Tubeline was successfully installed to Hammerson's £85m leisure-led development. The curved SAS750 lines the soffit of the landmark shopping centre in Southampton. Working towards the architects' (GMW and ACME) vision, SAS Special Projects oversaw the project design, manufacture and installation.

Externally it was essential that the curved aluminium SAS750 Tubeline matched the metal suspended directly above. To maintain the overall design intent, the system was powder coated (RAL 7048) to mimic the neighbouring curved metal.

The project has achieved a BREEAM Excellent rating for design. Already flooding with visitors on a daily basis the scheme attracts shoppers from across the UK.





(Source: leparisien.fr)

ADIDAS AND REEBOK IN PARIS

After major renovation, sportswear giants Adidas and Reebok relocated to their new offices in Rue Blanche. Situated in the heart of Paris, a world fashion capital, the Haussmann building exhibits a historically listed facade. Adidas' international strategic plan was to have offices in this significant area to be closer to the department stores.

Sustainability and wellbeing were key factors of consideration for the sports giants' new offices. The office space stretches over 3,340m² while only 100 staff occupy the workplace leaving lots of space for other amenities.

The office, designed by Gensler, offers a 24-hour fitness centre and plenty of co-working space promoting healthy lifestyles.

Adidas' intentions were to utilise the space for its staff, ideally promoting the share of creativity and innovation. Dedicated co-working spaces appear on two floors in addition to four showroom floors accessible to partners, athletes and media.

SAS International supplied SAS330 chilled ceilings to the project, which achieved a 'Very Good' BREEAM rating.

CENTRAL BANK OF IRELAND

SAS720 STEALS THE SHOW AT THE CENTRAL BANK OF IRELAND.

The first BREEAM 'Outstanding' project for planning in Ireland, CBol took home three accolades at the Fit-out Awards in November.

In numerous trade press articles, SAS720 has become the recognisable feature of the CBol in Dublin. Hundreds of rolled c-profiles were used underneath the walkways and bridges in the central atrium of the project. Inspiring connectivity, this product also conceals M&E services and integrates with the architect's continuous strip lighting.

Sixteen acoustic rafts were installed above the staff buffet area in the canteen. Consisting of three perforated tiles, the raft islands provide acoustic absorption whilst concealing M&E services in the downstand. Henry J Lyons architects also incorporated plain tile SAS150 in food preparation areas and SAS330 in offices and corridors.

SAS International has long-standing relationships with Walls Construction (M/C) and Platt & Reilly (S/C) who worked on the project.

To read the case study please visit sasintgroup.com/CBol



RE-CONSTRUCTING THE LEGO STORE

Home to the world's largest Lego store, the refurbishment of 48 Leicester Square has created an outstanding mixed use development. Key to the regeneration of this site was preserving the Edwardian Portland stone façade and installing a contemporary bronze Mansard roof. The island site was completely gutted whilst meticulously preserving the historic external walls.

The colours and tones of these materials then set the theme of the interior fit-out in the entrance hall and upper floor office spaces.

In the entrance hall, full height dark umber anodised wall panels stand out against the polished stone walls and floors. Over the office security gates, pale umber anodised SAS200 leads visitors to the stairs, lifts and upper levels. In the office areas, c-profiles with bronze effect PPC continue the vintage theme across the SAS330 ceilings.





THE FRANCIS CRICK INSTITUTE

The multi-award winning laboratory, located adjacent to St Pancras International Station, is the largest biomedical research centre in Europe. The acclaimed Francis Crick Institute will represent an alliance of six leading medical and educational researchers in the country.

The £700 million project witnessed a joint venture between two leading architectural firms. HOK and PLP architects came together to specify SAS International's metal ceilings for the project.

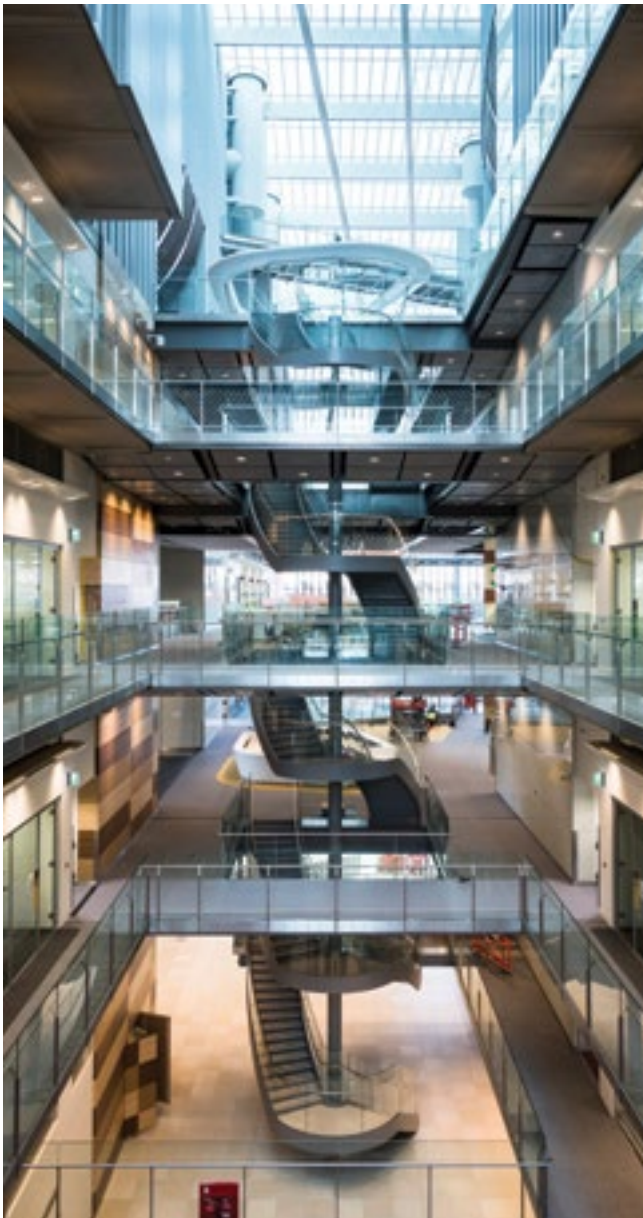
Given the opportunity to manufacture a number of products, including bespoke solutions, SAS designs feature throughout the build. To enhance the large-scale atriums, the architects designed sculpted bulkheads subsequently rebranded as gull wings. These foyers achieve the design intent set by the architects, encouraging teamwork and collaboration through open plan offices and laboratories.

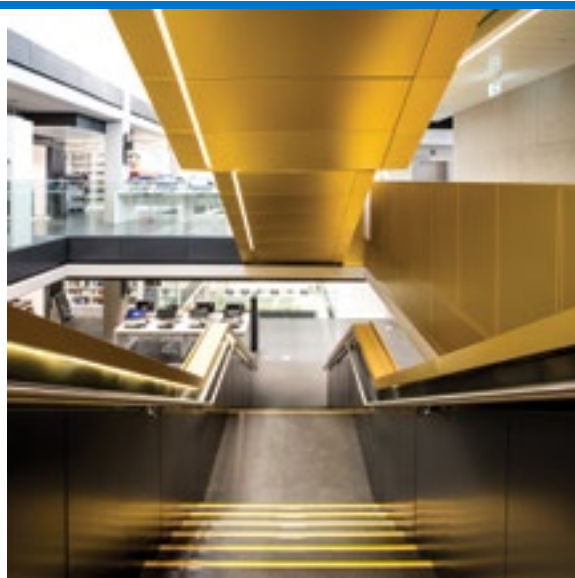
In order to preserve the modern and clean aesthetic seen throughout the building, SAS supplied a vast amount of SAS330. This flexible system allows for complete service integration, is easy to maintain and simple to clean. Installed in laboratories and research areas, SAS330 offers high acoustic absorption, offering a quiet environment for concentration. In addition to standard SAS330, SAS manufactured SAS330 Mega Panels designed to conceal mechanical services.

The architects decided on SAS750 Tubeline, to accomplish a sleek and contemporary environment. SAS750 contributes to the overall scheme by combining design, functionality and form. Specifying silver and grey, the colours carefully control light reflection and glare without over using the traditional, clinical white.

'Manufacturing input is vital for a project of this scale and specification. SAS international gave us thorough technical support throughout the project to help us achieve the strict standards required for the building.'
Mujib Ahsan, Architect at HOK.

The bold vision of the architects is not only embodied in the ethos of the employees, but the building itself. The institute will be working towards cures and treatments for conditions such as heart disease, cancer and strokes.





BIRMINGHAM UNIVERSITY LIBRARY

Designed by Buckingham Palace architect Aston Webb, the University of Birmingham is recognisable for its early 1900s red brick buildings. In celebration of the Edwardian era and university colours, anodised regency gold stair cladding completes the central staircase at the new UoB Library.

Multiple acoustic and architectural SAS products were supplied to the £60m academic library to provide valuable service integration and access. Designed to create a learning facility of the future, the project was supplied with SAS150, baffles, bespoke rafts and acoustic wall panels.

Extra-long baffles, installed along walkways and group study areas, provide a durable acoustic solution to unwanted noise. SAS500 baffles provide effective acoustic control suitable for open soffit applications. Adding

an additional level of service integration, bespoke halo and circular rafts contain lights, sensors and internet routers above seating areas. Improving student productivity, the rafts comprise of acoustic SAS150 tiles and together create an acoustic blanket of cloud-like circles above quiet study areas.

Along corridors and in entrance halls, white SAS150 plank tiles with integrated strip lighting compliment the white floors and concrete walls. Covering M&E services, the ceiling also guides visitors to the different areas of the building. On the walls, gold, black and white acoustic panels with an oblong perforation give further acoustic absorption and provide a clean and colourful backdrop for signage and other interior furnishings.

Gold cladding dominates the neutral atrium space. Starting on the facade, the metallic finish guides visitors up and into the building. Mounted proudly at the top of the stairs is the university crest, affixed to the wall panelling. Easy to remove and clean the wall panels provide acoustic absorption and hide additional lighting and services.

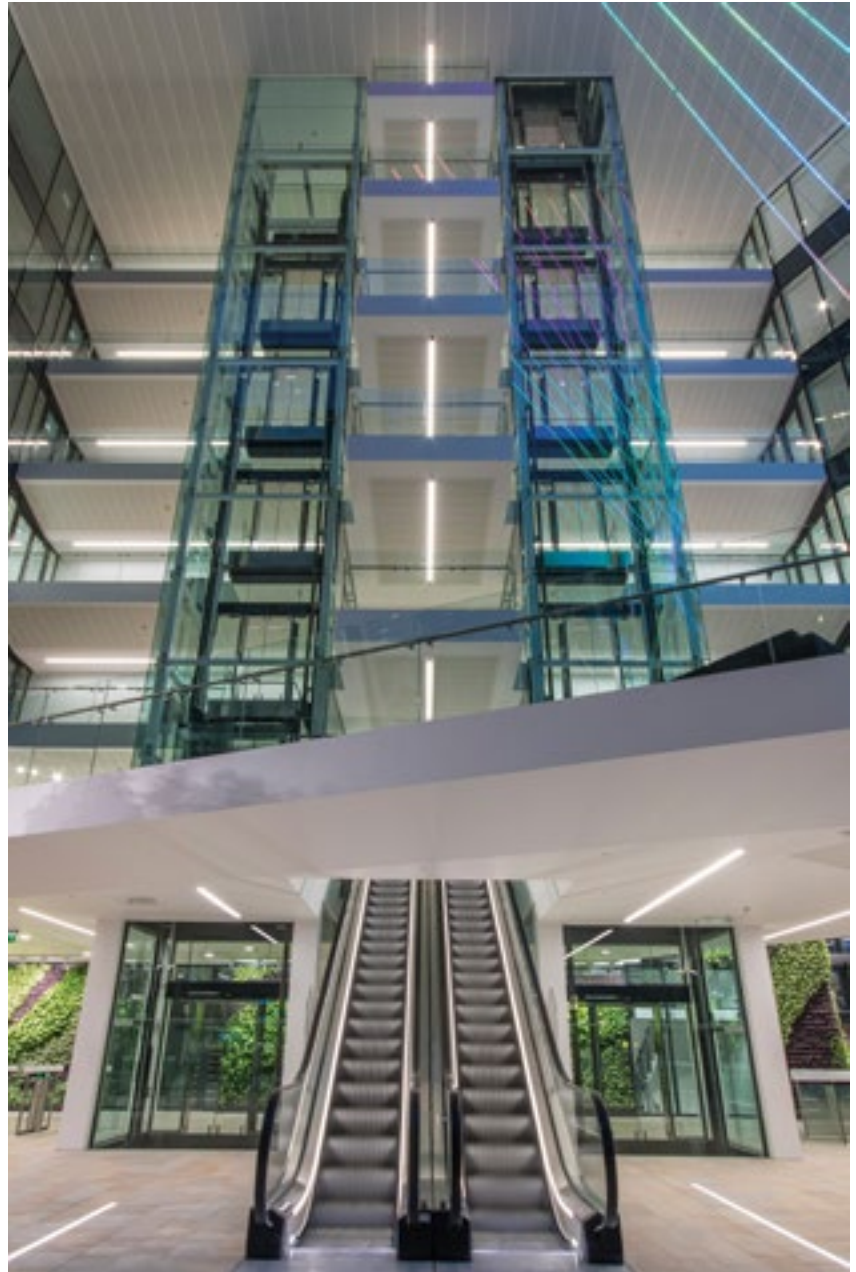


NEW PROJECT PHOTOGRAPHY

THE MILLE, BRENTFORD, UK



**CENTRAL SQUARE,
LEEDS, UK**



PRIMARY HEALTHCARE, SYDNEY, AUSTRALIA



**TOTTENHAM
COURT ROAD,
LONDON, UK**



**OLDHAM
TOWN HALL,
OLDHAM, UK**



**MINTER ELLISON,
SYDNEY,
AUSTRALIA**



CANADA HOUSE, LONDON, UK



DNO OFFICE, DUBAI, UAE

**VICTORIA
STATION,
LONDON, UK**

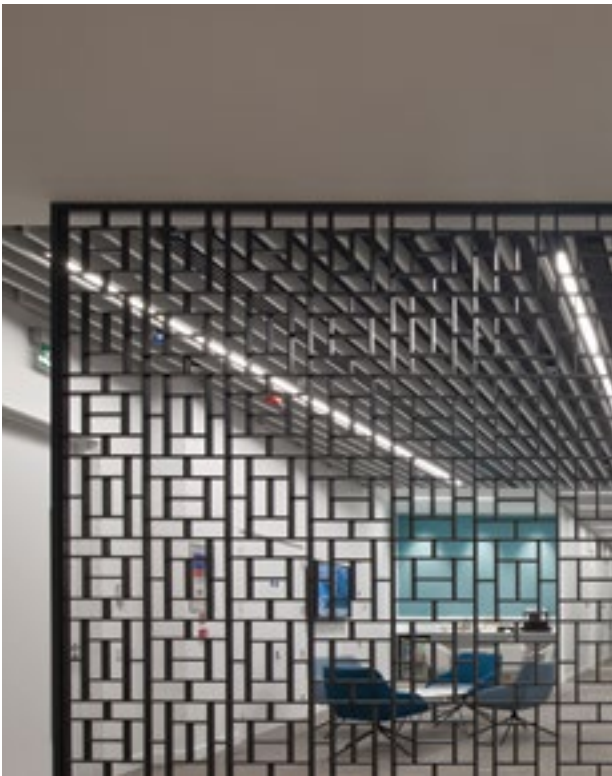




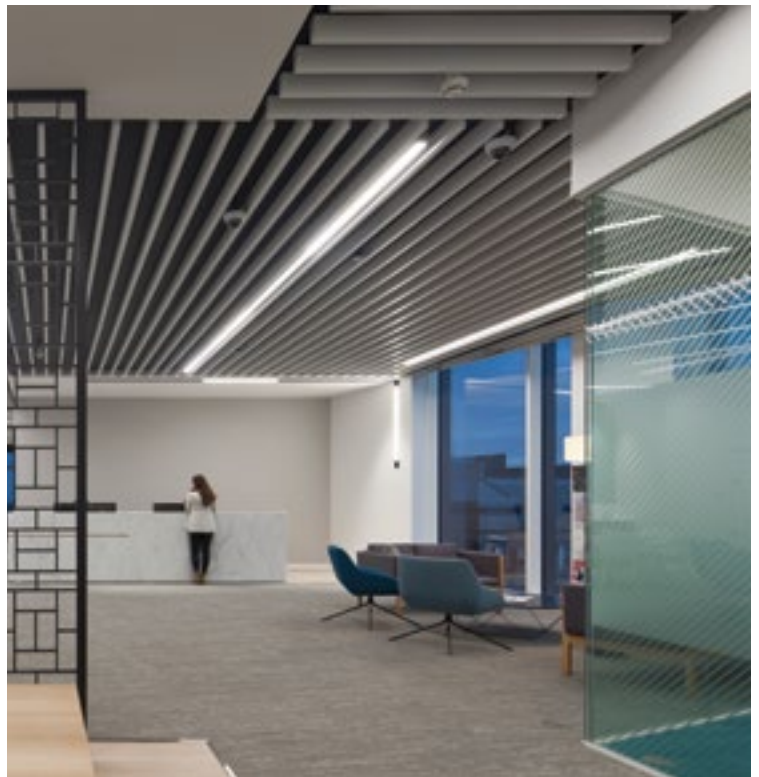
**KINGS
COLLEGE
HOSPITAL,
LONDON,
UK**

**JOHN LEWIS,
LEEDS, UK**





KPMG, GLASGOW, UK





TEAM SAS



POUNDS IN FOR PUDSEY

SAS Apollo Park raised a healthy £188.95 for this year's Children in Need charity day. Our Midlands team raised funds through wearing Pudsey-related fancy dress, a 'duck race' and a name the bear competition. Well done to all who donated to one of our favourite charities.

Pictured (left to right) is Katie Jones (Scheduling Assistant) and Rachel Ketley (Production Planning Manager).

JAMES MCCLUNG 1000 MILE RUN

Jim McClung an LVD Operator from our Maybole factory took part in a 1,000 mile run in support of See Me Scotland. Jim has embarked on this challenge to raise awareness of the stigma surrounding mental health. Everyone should be allowed to live fulfilled lives without stigma or discrimination, so any donations would be greatly appreciated. Huge congratulations James for such a monumental effort!





TAG RUGBY

Congratulations to the Reading #SASTAG Tag Rugby team, winning “Best Social Team” in this year’s Spring League. Their enthusiasm shines through each week and encourages players to continue to show up and play the game. Although they have never won a match, their skills, teamwork and good sportsmanship thrive each week. Tag Rugby is a great event to socialise outside of work, played on Monday evenings, they can always use more players. Contact Teri Anderson if you wish to get involved.

HANNAH ADAMS BEN NEVIS CLIMB

Hannah Adams, from our Bridgend office, took on the challenge of climbing Ben Nevis, the highest mountain in the British Isles. The 16 km trek was in aid of Velindre, a cancer hospital in Wales that cares, supports and treats individuals diagnosed. Hannah set herself the goal to raise £300, however she exceeded her expectations and raised a total of £800.



BABIES

SAS has been very fortunate to have a number of births at the company in the last few months.

CHRIS SCHREDER

Our Sydney warehouse team member Chris Schreder has become a father for the 2nd time. His little baby boy, born on the 15th February weighing 7lbs 3oz, has been named Harrison Victor. The name Harry was suggested as it looks like he has a lightning bolt on his forehead similar to that of Harry Potter.

REBECCA PATRICK

Rebecca Patrick, a designer located in our Reading office, welcomed a happy and healthy baby girl on the 4th May this year. Rebecca and Partner appropriately named her Summery Joy, she was born weighing 8lbs 15oz.

CHRIS SCHREDER

Harrison Victor



RICHARD SHEKELL

Richard Shekell and partner Kelly have welcomed a beautiful baby boy born on the 18th June, weighing 7lbs 7oz. Baby Harry George Shekell joins the number of babies born to the Reading Designers this year.

STUART COLAM

On the 22nd June, baby Florence Jermimah graced the Colams. Weighing 7lbs 6oz, Florence makes an excellent addition to the family.

ED FAGAN

On the 6th September, baby Rupert Edward Fagan was born weighing 7lbs 0.5oz. The name Rupert was chosen after Ed's suggestion of 'Anakin' was declined.



REBECCA PATRICK

Summery Joy



RICHARD SHEKELL

Harry George

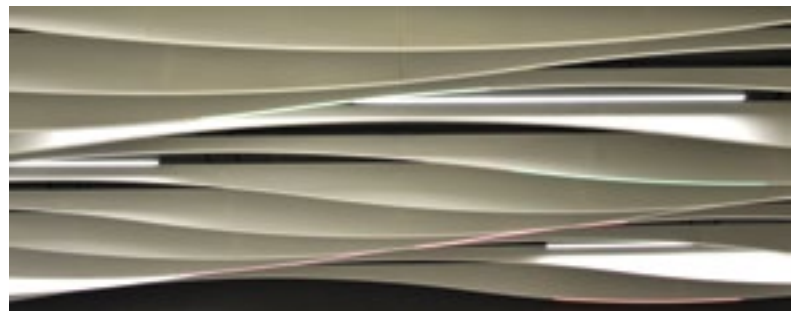
STUART COLAM
Florence Jemimah



ED FAGAN
Rupert Edward

LAUNCH OF THE NEW MOCK-UP AREA

A big thank you to the staff in Bridgend who pulled together to create the new mock-up area. A great exhibition space for customers, the area allows for products up to 25m² to be put on display. The whole factory looked immaculate and it was great to see everyone pulling together in such a short period of time.



RON CHURN RETIRES

“I’m looking forward to retirement with anticipation and trepidation in equal measures. My involvement with SAS is going to be a hard act to follow which only a huge amount of woodwork and photography will replace. My Wife’s list of home maintenance projects will prove to be a distraction but not in the same league as the wave ceiling at the LCI Casino Glasgow for example. Over the 10 years I have been with SAS, there are a lot of projects in the archive that I have been involved with, some to a lesser degree than others. But not one of them can I claim sole responsibility for because you quickly realise that



you are part of a team and your colleagues around will let you know if you are not pulling your weight or heading off in the wrong direction. My thanks to all the team players for their help, support and guidance over the years.”
Rob Churn

WEDDINGS

Congratulations are in order for the number of couples at SAS who have recently embarked on married life.

On the 20th of May this year, Riccardo and Lisa were married. Riccardo is a member of the design department, many congratulations to you both.

Katie Phillipotts who works at Apollo Park in the planning and scheduling department, recently married Dean Jones. Their wedding took place on the 10th of September, congratulations to both Katie and Dean.

Michael Evans (our Midlands sales executive) and Philly Hatton were married on the 14th of July, the weddings signified a change in name for not one but two of them. Congratulations to both Philly and Michael Hatton-Evans.

Daniel Rushton, a Project Director on the Kowloon station project, tied the knot with partner Sarah in April this year. Dan and Sarah, who both moved out to Asia together 5 years ago, were married on an island in Indonesia. Members of the Hong Kong team were in attendance on the day, we join them in congratulating these two.

Congratulations to Gemma Becket (nee. Sutton) and Scott Becket, who were married in September last year. Both Gemma and Scott work at SAS in our Apollo Park factory, on behalf of SAS, we wish you all the best.

Abdul (a member of the Special Projects division of the company) and his partner Kanwal married on the 4th of February this year. Abdul and Kanwal took part in two official Muslim ceremonies. They first had the 'Nikkah' which is the Muslim marriage ceremony, followed by the 'Walima' which is the Muslim dinner party. Many congratulations to the happy couple.

Drew one of our designers in the Reading office, married Lizz on the 24th of October last year. Several members of SAS were present on their special day, and we join them in congratulating the happy couple.

RICCARDO & LISA



KATIE & DEAN



MICHAEL & PHILLY



DAN & SARAH



GEMMA & SCOTT



CAPTAIN CATHAL AND THE IRELAND TEAM

“Every year a bunch of guys from my home in Donegal head away sailing for a week – bit like a bus man’s holiday. This year we took part in the West of Ireland Off Shore Racing Association. We sailed on Dream Machine from Greencastle in Donegal to Kilronan an Aran Islands on the west coast of Ireland. The passage is 240 nautical miles which is 44 hours non-stop sailing. One of our crew is a double amputee – but you’d never know it!

During our stay in Kilronan we raced over 4 days with about 50 boats taking part each day. For our endeavours we got a 1st and 3rd place. On the final day of racing we were joined by two SAS customers Derek and Pat from Platt & Reilly. They both express an interest to experience sailing and thoroughly enjoy every minute – I know they will both be back next year!”

Cathal McGuinness



DREW & LIZZ



ABDUL & KANWAL

LONG SERVICE AWARDS

10 YEARS

David Edwards Bridgend
Start Date: 02/01/2007

David Smiles Bridgend
Start Date: 02/01/2007

Ramatullah Latifi Apollo Park
Start Date: 12/01/2007

Stephen Chapman Bridgend
Start Date: 15/01/2007

Maciej Eugeniusz Pacyna Bridgend
Start Date: 15/01/2007

Wayne Stephen Thomas Bridgend
Start Date: 28/01/2007

Mark Andrew Evans Bridgend
Start Date: 30/01/2007

Michelle Dwyer Davies Bridgend
Start Date: 12/02/2007

Ricky Harrison Apollo Park
Start Date: 23/02/2007

Alina Kubica Bridgend
Start Date: 16/04/2007

Matthew Hill Apollo Park
Start Date: 11/05/2007

John Brown Maybole
Start Date: 28/05/2007

Robert Stacey Bridgend
Start Date: 04/06/2007

Robert Reader Apollo Park
Start Date: 08/06/2007

Gary Jackson Maybole
Start Date: 23/07/2007

Gary Biggar Maybole
Start Date: 29/07/2007

Mark Stephen Davies Bridgend
Start Date: 13/08/2007

Stephen Alexander Maybole
Start Date: 15/08/2007

Kenneth Wayne Jones Bridgend
Start Date: 20/08/2007

Artur Buszkiewicz Bridgend
Start Date: 20/08/2007

John Thomas Lewis Bridgend
Start Date: 20/08/2007

15 YEARS

Michael David Bevan Bridgend
Start Date: 08/04/2002

Averina Kerry Richards Bridgend
Start Date: 24/04/2002

Archie Tolentino Bridgend
Start Date: 08/04/2002

Paul John Richards Bridgend
Start Date: 10/06/2002

Allan McIlwraith Maybole
Start Date: 23/06/2002

Pauline Jones Bridgend
Start Date: 24/06/2002

Nicholas John Biggs Bridgend
Start Date: 08/07/2002

Edward Whitehouse Apollo Park
Start Date: 12/07/2002

Arnie Tolentino Bridgend
Start Date: 15/07/2002

Kevin John Sainsbury Bridgend
Start Date: 29/07/2002

Nicholas Bernard Carpenter
Bridgend
Start Date: 15/08/2002

Jamie Kindley Apollo Park
Start Date: 16/08/2002

20 YEARS

Craig Slater Apollo Park
Start Date: 06/01/1997

Tony Louis Criger Bridgend
Start Date: 06/01/1997

Jason Lewis Bridgend
Start Date: 27/01/1997

Duncan Flavell Apollo Park
Start Date: 31/01/1997

Carl Mark Brown Bridgend
Start Date: 07/03/1997

Darren James Parry Bridgend
Start Date: 24/03/1997

Michael Whitehouse Apollo Park
Start Date: 12/05/1997

Douglas Winkles Apollo Park
Start Date: 18/05/1997

Simon Harper Apollo Park
Start Date: 16/06/1997

David Eric Brimble Bridgend
Start Date: 16/06/1997

25 YEARS

Steven Mark Cooper Bridgend
Start Date: 17/08/1992

30 YEARS

Graham Thomson Maybole
Start Date: 16/02/1987

Antonio Jones Bridgend
Start Date: 23/02/1987

Ian Clark Maybole
Start Date: 26/03/1987

Ivor Allison Bridgend
Start Date: 25/05/1987

Robin Milligan Maybole
Start Date: 15/06/1987

35 YEARS

Debbie Evans Apollo Park
Start Date: 07/06/1982

40 YEARS

Brigid Matthews Reading
Start Date: 01/01/1977

NEW STARTERS

READING

Rhodri Phillips

Apprentice Designer

Ryan Arding

Trainee Project Manager

Megan Davies

Graphic Designer

Ashley Finylas

Test Technician

Warren Gurusamy

Assistant Estimator

Ambrish Sikligar

Designer

Libby Duxbury

Project Developer

Steven King

Senior Sales Coordinator

Mihlalki Sishuta

Transport Administrator

Simona Mihai

Document Controller

Sophie Batley

Project Developer

Jerom Lee

Technical Apprentice

Kieran Young

Technical Apprentice

David O'Neale

Site Manager

Collen Sayi

IT Apprentice

AUSTRALIA

Matthew Kelly

General Manager Finance

Daniel Palermo

Sales Executive

BRIDGEND

James O'Donoghue

ERP Developer

Salvis Braska

BOM Engineer

Krzysztof Grasz

BOM Engineer

Aurelija Turowska

BOM Engineer

Anna Narewska

Production Controller

Catherine Smith

Commercial Accountant

Nathan Lewis

Design Engineer

Matthew Branigan

Technical Compliance Manager

Nicholas Brown

Database Administrator

Mike Bevan

Planner

Glyndwr Hopkins

BOM Engineer

Paulina Stano

BOM Engineer

Tracy Roberts

Purchase Ledger Assistant

Gabor Kun

Production Control Administrator

MAYBOLE

William Wallace

Manufacturing Programmer

Kenneth Russell

Manufacturing Programmer

Stephen Woods

Manufacturing Programmer

Scott Campbell

Quality Technician

APOLLO PARK

Teresa Belt

Sales Order Processor

Carl Green

Maintenance Manager

Samy Kaylor

Purchasing Assistant

Anna Narewska

Production Controller

Suzanne Evans

Customer Services Administrator

Terence Sargeant-Wiggin

Purchasing & Procurement Manager

Simon Kennedy

Customer Services Administrator

David Martin

Flow Plant Manager

Mark Plaskitt

Warehouse Manager

Parminder Dharewal

Management Accountant

Vicki Parkes

Sales Order Processor

Clinton Edwards

Regional Interiors Manager

Carl Redpath

Quality Assurance Manager

DUBAI

Shashank Sripath

Sales Manager

Shaun Brecher

International Sales Manager

HONG KONG

Marc Romanillo

Designer

