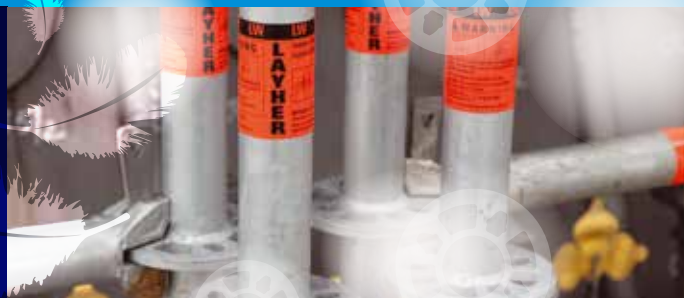


UPDATE LAYHER



SUCCESS TODAY AND TOMORROW – BUILT ON SOLID FOUNDATIONS

As the challenges of 2020 give way to more optimism for 2021, at Layher we can look back on a year where the principles of our success since the 1940s have continued to hold true.

“Maintaining close working relationships with each of our contracting customers has been paramount during these challenging times,” says Sean Pike, Layher’s UK MD. “In turn, that has underscored our joint ability to deliver access solutions in all fields.”

Innovation – from equipment developments to our Scaffolding Information Modelling (SIM) software – has continued to play a key role, as has a solid commitment to stockholding and delivery via the growing network of Layher depots.

“This issue of Update Layher highlights some of these key factors – all of which reflect on a shared commitment with our wide range of customers,” adds Sean Pike. “If it emphasises how we have all met the needs of 2020, it does much more to highlight how these same factors promise greater success in the future.”

THE LAYHER PROMISE

The principles upon which our commitment is built will be recognised by every one of our customers –

Confidence in supply. Nationwide depots mean we will always provide close-at-hand access to our equipment and support services.

Design support. Our extensive design skills mean that the optimum solution to each scaffolding and access need is best achieved.

Ongoing innovation. The list of Layher equipment to meet both broad and particular needs will continue to grow, with customer feedback and suggestions always welcome.

Consistent service. From a simple façade to the Elizabeth Tower – our commitment to the customer and the needs of each project will always be the same.

Responsible methods. Our belief in optimising manufacturing, delivery and operational performance from an environmental perspective is fundamental and will always continue.

Keeping access to the fore. The benefits that our users’ industries gain by putting scaffolding, access and weather protection at the front of their thinking to maximise project effectiveness will always be championed by Layher.

IN THIS ISSUE

Pages 2-5

Layher’s strength and breadth – your support now and into the future

Pages 6-9

Layher SIM – your access to BIM, as scaffolding design goes digital

Pages 10-15

Layher proves its versatility in the field, UK-wide

Page 16

The people, the ideas, the growth – Layher looks ahead

Layher®

More Possibilities. The Scaffolding System.

WORKING WITH CUSTOMERS **EVERY STEP OF THE WAY**



ON-SITE **SUPPORT**

From initial site survey to ongoing project management input, our team of experts works in conjunction with each customer to provide the optimum scaffolding, access and weather protection solution. The blend of extensive experience and the most advanced software in the industry means agreed operational and budgeting objectives can be addressed and delivered from start to finish.

HEALTH & SAFETY TRAINING



In-built equipment safety is enhanced by our full commitment to providing comprehensive training.

Both in-house and via a strategic alliance with the leading provider Simian Risk, our choice of courses and programmes helps to ensure on-site operations not only adhere to the highest safety standards but also gain from optimised cost effective procedures – to the benefit of our customers and the end-user alike.

PROJECT **MANAGEMENT**

Whether it is delivery schedules, operational methods, safety procedures or filling specific end-user requirements – Layher is always at the heart of successful project management.

Close working partnerships with our contracting customers help to ensure that everyone is moving simultaneously towards agreed objectives, delivering high quality results every time.

DESIGN **SUPPORT**

Providing input from 2D drawings through to the most sophisticated LayPLAN SIM design suite and planning software available, the Layher Design Service is both experienced and highly skilled. By taking a flexible approach, we are able to complement our customers' own design skills as each project requires to work towards the realisation on-site of the planning that starts in the office.



RAPID ACCESS . . . TO LAYHER RELIABILITY

A CLEAR COMMITMENT TO STOCKHOLDING

Because we know our customers need equipment and support at precise times during a project, we are fully committed to ensuring our stockholding and supply service is second to none. We are fully aware that whether planned or ad hoc, reliable equipment availability can often dictate on-site activities and therefore have a direct effect on project scheduling and management.

It is this understanding that underpins our commitment to ensuring each of our nationwide depots has a stockholding level that can react to customer requirements. And at times when new and specific challenges are always at the front of our thinking, this is more important than ever.



NATIONWIDE SERVICE

While our UK head office in Letchworth provides comprehensive support and stockholding capability, we have always believed in making Layher as accessible as possible to our customers. That is why we have maintained a steady commitment to developing our network.

Today, depots in Livingston in Scotland, Eggborough in Yorkshire, West Bromwich in the Midlands and Dublin in Ireland all provide the full range of Layher equipment and services where it is needed. Whilst this has been crucial in meeting recent challenges, it will always be a central part of our approach to working with customers.

CUSTOMER PARTNERSHIPS

Whether the need is small, or involves globally recognised, iconic buildings, we fully believe in developing and maintaining close working partnerships with our contractor customers. By working together to address end-user needs, we can best ensure all aspects of our joint services – from planning, design and delivery to implementation and safety – are achieved most effectively. Working in harmony, and with a real belief in teamwork, means the focus of each project is always clear – helping to optimise performance and budgeting on every occasion.

CONTACT DETAILS

Please see page 16 of this issue of Update Layher for full details of the many ways you can access the Layher UK network.



LOOKING AT SCAFFOLDING DESIGN

... AND SEEING THE FUTURE



The Layher Scaffolding Information Modelling (SIM) software has taken scaffolding design into a new dimension.

Comprising a range of planning tools, SIM makes the creation of the optimum scaffold structure more efficient while also interfacing directly with Building Information Modelling (BIM) methodology. The result is optimised safety and installation efficiency while risks and costs can be shown to be reduced.

"SIM builds on our LayPLAN and LayCAD facilities enabling users to create 3D visualisations either on screen or via a VR headset that takes you into the digital world," says Sean Pike, Layher's UK MD. "Once there, scaffolds can be rotated, 'flown-through' and readily adapted before key information outputs such as material needs, weights and logistical details can be produced."

The benefits as both a planning and operational tool are clear-cut and are being widely acknowledged across the industry.



SIM FEATURES THAT TRANSLATE INTO CLEAR BENEFITS

Greater design and visualisation opportunities mean both costing and installation advantages.

- A valuable planning and operational tool, Layher SIM also offers enhanced presentation opportunities.
- Communication with mobile devices via mixed reality through cloud storage.
- VR modelling enables virtual tours to be experienced and clash issues detected.
- Realistic rendering can be added alongside extensive component libraries and a search filter function.
- Prefabricated assemblies and template drawings can be held on file to aid rapid design.
- Suitable for use with all scaffold types – from façades and circular installations to birdcage and temporary roof facilities.
- Integration directly into LayPLAN Rstab for analysis and calculations.

COSTING

SCHEDULING

CONSTRUCTION PROCESS
SIMULATION

FEASIBILITY STUDIES



FROM CUSTOMER FEEDBACK TO PRODUCTION

Innovation has always been fundamental to our success and growth – here are just a few recent examples of why . . .



ADJUSTABLE SPLAY-DECK

Customer-inspired, the Adjustable Splay-Deck enables safe, smooth deck connection, particularly on radius structures with angles from 15° - 45°. Simply secured at one end using Layher blue-screws, the design links to the U-transom at the opposite side to prevent uplift and shifting.



UNI LIGHT STAIR KIT

Safe, simple and versatile – the Layher Uni Light Stair Kit is the ideal means of installing rolling towers in stairwells. Adjustable in size and, importantly, enabling continued use of the stairs themselves, the concept uses the same components as our Solo Tower – optimising material usage.



FLEXBEAM SOLUTION

Ideal for gantries, cantilevered or suspended scaffolds, Layher FlexBeam provides 40% higher bending load capacity, lower construction heights and direct connection to Layher Allround – optimising installations on structures both straight and curved.

LAYHER REACTS TO NUCLEAR NEEDS

The safety, versatility and efficiency of Layher's scaffolding and access systems are being dramatically demonstrated during construction of the Hinkley Point C nuclear reactors in Somerset.

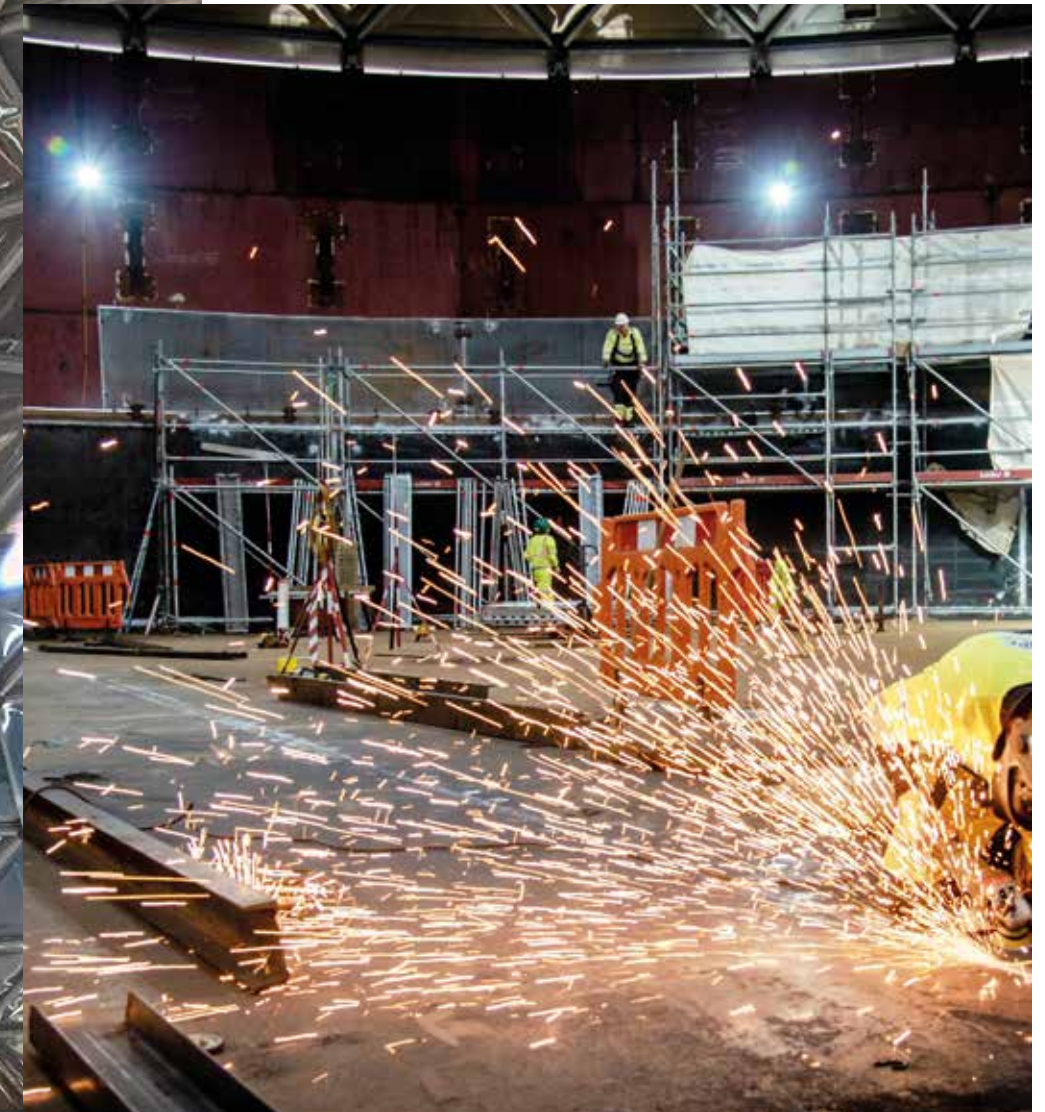
Via a strategic partnership with KAEFER – commissioned to provide access and specialist coating services – significant challenges have been addressed.

"The scaffolding has been designed to provide both external and internal access to each of six circular containment liners each of which includes three steel rings measuring some 48.2 metres in diameter and 17 metres in height," says Sean Pike, Layher's UK MD.

The external structures are a particularly impressive blend of design innovation and Layher's equipment suitability for highly complex installations.

"Access to both vertical and horizontal welds for each ring – a total of some 150 linear metres – has been provided," says Jonathan Leyland, UK Design Manager at KAEFER. The external walls of each containment liner also feature a series of circular protrusions which had to be accommodated by the scaffolding design. *"The Layher equipment has proven to be ideal,"* adds Jonathan.

"The complexity of the scaffold project benefits from Layher's 5D modelling system, Scaffolding Information Modelling (SIM) software," concludes Sean Pike. He points out that SIM is estimated to have reduced the amount of scaffolding that may otherwise have been required for the project by some 15%.



LAYHER PERFORMS IN NEWCASTLE

"So many installation needs can be met by our choice of systems – and with the benefits of services such as the Layher Scaffolding Information Modelling (SIM) software – we are able to work with many of our contracting customers to think 'outside the box'," says Sean Pike, Layher's UK MD.

A series of 'boxes', indeed, is at the heart of a prime example of this capability in practice. Despite social distancing restrictions, Layher has been able to work with its partners to help bring music back to the public.

A recent event at the Virgin Money Utility Arena in Newcastle featured not only a performance by Sam Fender, but also an audience of 2500 people – all safely enjoying the event from 300 individual viewing platforms.

Gareth Hannon, Director of Overlay Events, who installed the Layher platforms for promoters SSD Concerts Ltd.– for what is believed to be the first ever socially-distanced concert, explains –

"By using Layher Allround scaffolding and steel decking, we were able to install platforms measuring 2072mm x 2072mm each of which was able to accommodate seated concert-goers with optimised views of the stage which was installed by ES Global Ltd.," he says.

"Not only is this an excellent example of what is possible when a little lateral thinking meets our equipment design, but we believe it has also contributed to restoring a slice of normality to an industry that has clearly suffered significantly during the pandemic," concludes Sean Pike.



LAYHER IMPRESSES IN ELEPHANT & CASTLE

Under the management of Lendlease, the Sayer Street development – part of the regeneration of Elephant & Castle in London – highlights how well-constructed scaffold and aesthetic design can produce highly impressive results.

"We have created a run of dedicated spaces using the Layher Allround modular scaffolding system," says Danny Dwyer, MD of PHD Modular Access Services Ltd. who undertook the installation with sister company, Overlay Events Ltd. "Appearance was just as important as function with the Layher equipment fulfilling both elements of the brief thanks to its clean lines, minimum material volumes and versatile rosette connection system."

"Also benefitting from 3D modelling, the project highlights our system's versatility and pays testimony to all parties that have created a facility that is extremely functional and also very pleasing on the eye," adds Sean Pike, Layher's UK MD.



ALLSAFE ON BOARD WITH LAYHER

Allsafe Scaffolding has become the latest contractor to add Layher modular systems to its range. The Banbury-based operation is bringing the wide range of benefits associated with Layher equipment designs to its customers across market sectors that include housing, commercial developments and industrial projects.

"We are determined to offer our customers the most advanced solutions to their scaffolding and access needs," says Allsafe Commercial Director, Andrew Simmonds. "The advantages of Layher equipment – from safety and speed to versatility – together with the support available from the company, all reflect our own commitment to providing a broad, reliable and highly efficient service."

"We are delighted that Allsafe Scaffolding has decided to work so closely with us and are very confident that, together, we will be able to build on the company's success across the full range of the markets it serves," says Layher Central UK Area Sales Manager, Andy Gee.



ALLROUND CLIMBS HIGH ON SCOTTISH RIVER BANK

The painting, material replacement and under deck inspection on the A9 bridge across the River Findhorn between Aviemore and Inverness has gained from the simplicity, versatility and lightweight characteristics of Layher scaffolding.

"The use of Allround Lightweight minimises loading onto the ground where soft conditions and relatively steep slopes are encountered on the river banks," says Kenneth Redman, Layher's Technical Manager (Scotland).

The Layher system has been installed to provide access to the full height of three support piers. *"The inherent strength of Allround Lightweight has enabled cantilevered decked areas to be constructed at the top of each pier, immediately under the bridge deck,"* adds Ross Brown, Director of I-Scaff Access Solutions Ltd. who have installed the structure for main contractor VolkerLaser Ltd. working for BEAR Scotland – the operating company for Transport Scotland's NW Trunk Roads.

"The design also gained from Kenneth producing a LayPLAN SIM scheme, which enabled us to demonstrate to our client exactly what they would be getting, even before the scaffold was built," he adds.

While access to two piers is via a scaffold built directly from the ground, the other uses a graduated support scaffold for a gantry to accommodate the slope. Access to the full height of each pier is then achieved via eight Layher staircases.

"It is vital that such work is always conducted safely, quickly and with minimum disruption and we believe our scaffold design has played a key role in each case," concludes Sean Pike, Layher's UK MD.





HERE'S TO (THE FIRST) 20 YEARS!

Nick Geddes, our UK Technical Manager, is now celebrating 20 years at Layher.

"Nick's involvement has helped us to provide numerous solutions for customers of all types throughout our full range of user sectors," says Sean Pike, Layher's UK MD, "while he has also played a key role as joint author of our UK Technical Guide. Both ourselves and our customers are hugely grateful for his skills, knowledge and commitment."

EGGBOROUGH GROWS AND GROWS

The success of our Eggborough depot is now plain for all to see – as new office space is added.

"The move adds 50% to our flooring area and allows us to optimise our technical office and meeting space," says Heath Brown, Operations Manager. "It will help us to accommodate the greater sales activity that we have recently enjoyed and also puts us on a good footing for further growth."



ALLROUND THE CHRISTMAS TREE

Alan Regan, MD of scaffolding contractor MR Safedek, has brought a special brand of Layher-inspired Christmas cheer to his local community – with a highly creative Christmas tree.

"It's not only a fine contribution to the festive atmosphere, but is also a very clever piece of scaffolding," notes Sean Pike, Layher's UK MD.



CONTACT DETAILS

ROI and N.IRELAND

Layher System Scaffolding Ltd
Keenogue, Duleek,
County Meath, A92 PK44

Pat MaGahan, General Manager
Tel. +353 (87) 152 1454



SCOTLAND

Letham Road, Houstoun Ind. Est.,
Livingston, West Lothian EH54 5BY

Billie-Ann Juliff, Sales
Tel. 01506 440220



NORTH OF ENGLAND: EGGBOROUGH

North Point Business Park, Selby Road,
Eggborough, DN14 0JT

Heath Brown, Operations Manager
Tel. 01977 661605

CENTRAL UK: WEST BROMWICH

Harvills Hawthorn, Westgate,
West Bromwich, B70 0UD

Andy Gee, Area Sales Manager
**Joe Thomson, Training and
Technical Sales Advisor**
Tel. 0121 274 0558



HEAD OFFICE: LETCHWORTH

Works Road, Letchworth,
Herts., SG6 1WL

**Joe Thompson, Training and
Technical Sales Advisor**
Tel. 01462 475 100

Linked in Follow us on LinkedIn E Follow us on Twitter

**The past, present and future
of system scaffolding**



Layher UK

info@layher.co.uk www.layher.co.uk

Layher Ireland

info@layher.ie www.layher.ie

Layher®

More Possibilities. The Scaffolding System.

