

UPDATE LAYHER

ON THE UP... AND UP... AND UP

The long hot summer may be fading in the memory – but the success of Layher and our customers in the UK throughout 2018 is still with us.



Once again our commitment to innovation, as highlighted inside with our latest FW System, and our belief in growing close strategic partnerships with our customers, demonstrated here with a range of installation examples, has seen

our turnover rise and our list of projects grow.

"We are delighted to be able to look back on the year so far with a true sense of achievement and appreciate everyone who has worked with us to maintain our success," says Sean Pike, Layher's UK MD.

"It is particularly pleasing that the benefits of our equipment and expertise can be seen with projects of all sizes and types, from the simplest façade to the complete scaffolding of one of the world's most iconic structures – as detailed inside."

It is a success record that is set to develop further still into 2019 . . . and beyond.

HERITAGE SPECIAL REVIEW

The preservation of important and iconic historical structures is a key feature of this issue.

Our close work with contractors to provide access and protection on some of the most important buildings in the country is clearly demonstrated through the examples on the following pages – and each gives us a true sense of achievement and pride.



- ✓ HIRE & SALES
- ✓ EQUIPMENT
- ✓ DESIGN
- ✓ SUPPORT
- ✓ EXPERIENCE
- ✓ VERSATILITY
- ✓ EXPERTISE

Layher 

More Possibilities. The Scaffolding System.

CARING FOR THE PAST ... FOR THE FUTURE

The restoration and conservation of buildings and structures that represent our national heritage call for specialist skills and experience from every point of view. At Layher we deliver on both fronts – from creating access for specialist stonemasons to installing temporary roofing over historic roof repairs.

The emphasis in this special section of Update Layher gives just a flavour of this capability, creating results every time that will help the past to live on.

WATER TOWER'S NEW LEASE OF LIFE

The water tower in Colchester that once served the Severalls Hospital in the town is taking on a new role as office accommodation.

Main contractor, EAG Renovations Ltd., brought in DTE Scaffolding and Safety Netting Ltd. to install the scaffold access with Layher Allround bringing key advantages to the project.

The 28 metres high and 12 metres wide scaffold was installed by no more than four men on site in just 14 days. "Its low weight has been significant while the design has also simplified the creation of a cantilevered structure around the top of the tower for new balconies," says Mick Pretty, DTE Supervisor.



ALLROUND DELIVERS TRACK-SIDE BENEFITS

The use of Layher scaffolding in a major residential development at Manor Place Depot in London is generating clear benefits during the construction of 262 residential units and commercial space by Durkan Construction for the Notting Hill/Genesis Housing Group, with the extensive scaffolding facility undertaken by Mercer Scaffolding & Plant Hire Ltd.

Adjacent to a separate Grade II listed structure, the three blocks are either side of a four-track main railway line into London Bridge, with six metres either side designated as a 'Zone of Influence'. Here the use of the Layher Allround design allowed the entire structure to be built using individual pieces no more than three metres in length.

"There are also three bullnoses at the end of parts of the structure where our Allround system is ideal for the radii concerned," concludes Adam Millgate, Contracts Manager at Mercer.



RIISING HIGH AT THE HEART OF WESTMINSTER



With some 23,500 Layher Allround components used, weighing some 800 tonnes, the Layher scaffolding on the iconic Elizabeth Tower is not only one of the most prestigious projects undertaken, it is also amongst the largest.

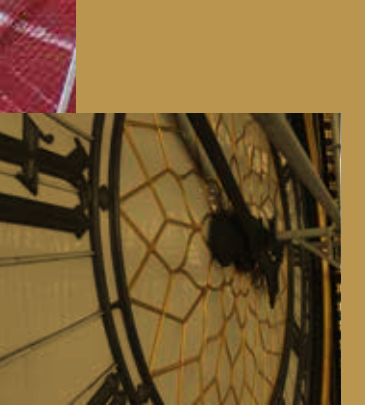
Installed by PHD Modular Access Services Ltd. (Heritage Division) for main contractor, Sir Robert McAlpine Special Projects, the 98 metre tower – home to the world famous Big Ben – can now be accessed via 47 fully boarded lifts underneath a Layher temporary roof structure.

"The Elizabeth Tower is Grade I listed, a UNESCO World Heritage site and one of the most recognisable structures in the world, and it is both exciting and an honour to be involved," says Sean Pike, Layher's UK MD.

Allround scaffolding, HD aluminium beams, public stair access, Lightweight cassette roof and Protect panels are the key systems that have been supplied to provide access to the stonework for specialist repairs, importantly, without tying to the fabric of the building itself – the scaffold effectively 'embraces' the tower using

a series of compression ties against the stonework to ensure stability.

Scheduled for completion in 2021, and with one of the iconic clock faces visible throughout the project to help maintain the identity that the famous tower has created over some 159 years, this is an important and dramatic programme in every sense.



The Layher scaffold provides gap free access, allowing decorative elements of the clock tower to pass through the platforms and be protected from damage while being as close to the working face of the building as possible.

Stonework and cast iron roof conservation, together with improvements to make the structure more environmentally friendly, interior repairs and re-decoration, alongside a focus on fire protection and safety, are all key elements of the project.



An international symbol of democracy and a genuine beacon of the UK that is recognised worldwide – the restoration of the Elizabeth Tower is high profile in every sense. Layher is enormously proud to be involved with the engineering and scaffold access system for the four-year restoration programme.





**LAYHER'S INVOLVEMENT IN THIS EXCITING
PROJECT IS A SOURCE OF GREAT PRIDE FOR OUR
COMPANY, PARTICULARLY AS IT DEMONSTRATES
SO MANY OF OUR SYSTEMS' DESIGN CAPABILITIES.**

Georg Layher, Managing Shareholder





TAKING CENTRE STAGE

The use of Layher's scaffolding, access and event equipment for a specialist project in York undertaken by Acorn Events Structures Ltd is, in every sense, dramatic with the faithful recreation of Shakespeare's celebrated Rose Theatre for Lunchbox Productions.

"Huge credit is due to Acorn MD, Andy Nutter and his team," says Sean Pike, Layher's UK MD, "whose use of our scaffolding and event products pays testimony to both their ability and creativity, and the versatility of our equipment."

The remarkable structure has reflected both the design and functional elements of the original 'London Rose Playhouse' that dates from 1587. The 13-sided design accommodated a full width two-level stage together with an audience numbering 600 on three covered tiers, with a further 350 'groundlings' underneath an open roof.

"The main supporting structure itself has been created using Layher's Allround scaffolding and event seating

systems," says Andy Nutter. "The roof over the seating blocks, both upper and lower stage platforms, on-stage staircases and a beamed roof across the stage also featured Layher equipment with its ease of handling, choice of fixing positions and integration all key considerations."

Built in less than three weeks on a car park in the centre of York, the Rose Theatre Project is part of a regional commitment to bringing exciting theatrical experiences to the north of England.

"It is a highly impressive blend of historical objectives and modern methods of construction, and everybody concerned should take a bow for their performance," concludes Sean Pike.

HELPING TO PRESERVE HISTORY

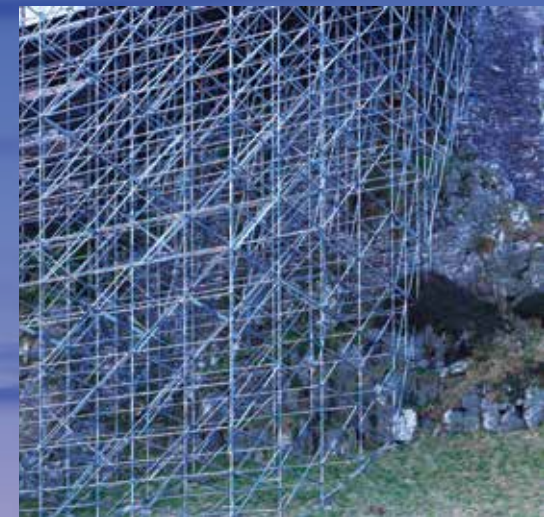
As dramatic as it is innovative, the scaffolding access installed for the renovation of Lindisfarne Castle in the north east of England has demonstrated the benefits of Layher's modular scaffolding system and the skills of contractor John Laidlaw and Sons Ltd.

The focus of the conservation on the structure, which, in part, dates back to the 1400's, has been on stonework, windows and roofing. *"The work presented a series of challenges which have seen Layher's on-site support services and our own design team combining to provide access to virtually every part of the external structure,"* says Allan Laidlaw, MD at John Laidlaw and Sons, appointed by main contractor Datim Building Contractors, working for The National Trust, which cares for Lindisfarne Castle.

With a steep south-facing cliff-face against the North Sea and a further slope on its northern side, the variations in terrain had to be reflected by the scaffolding designs.

"We were unable to tie-in to the cliff-face so we used a combination of buttresses and kentledge to build a firm base to a height of 24 metres up to the walls of the castle itself upon which the access lifts could then be erected," says Allan Laidlaw. *"On the opposite side, we pushed the scaffold further back from the walls that sloped gradually upwards towards the castle with, again, buttresses used."*

"Our temporary roofing system has also been a key part of the project, with a span of almost 19 metres and a length of 40 metres," says Mark Bisset, Layher's Area Sales Manager. *"The Keder Classic roof was designed in a rolling configuration in phase one and then fixed in position for the remaining two phases."*





The Chelsea and Westminster Hospital in London has been the location for one of the first applications of the FW System in this country. The project centred on the development of a five-floor atrium area to create additional floor space with the need to avoid impacting on hospital activity a key objective.

"External space limitations pointed towards scaffolding components being craned onto the roof and then manually walked to the project site," says Kenneth Redman, Layher's Technical Manager for Scotland, who worked closely with contractor Rob Andrew of Advanced NI Scaffolding Ltd. "With component lengths an important factor, therefore, we focused on a combination of Allround and the new FW design," he says.

Bay sizes of 2.072 m x 2.572 m, each of which took three men no more than 50 minutes to erect, allowed a birdcage structure covering 86 sq m to be erected in less than four hours – even allowing the café located on the ground floor to close for just the minimum of time.

NEW FW SYSTEM GATHERS PACE

The benefits of the latest scaffold design from Layher – the FW System – are being seen increasingly in the industry. Comprising just four components – a chord, post, adjustable diagonal brace and safety clip – the system incorporates a choice of lengths to enable a wide variety of frames to be assembled.

"Importantly, the FW System also offers bridging options that sit perfectly between our steel Lattice Beam 750, which can achieve a span of up to 12 metres, and our Allround Bridging System, which can accommodate spans in excess of 35 metres," says Nick Geddes, Layher's UK Technical Manager. *"With a span*

capability of 22 metres, the FW design effectively fills the gap and will enable users to specify the most suitable equipment more easily."

The versatility of the new Layher FW System is extensive with support, suspended, cantilevered and temporary roofing systems all readily assembled. This makes

it ideal for applications that call for rigid facilities, such as in bridge repairs, and for platform bridges where work is undertaken beneath the structure.

"The new Layher FW System demonstrates, once again, our commitment to ongoing product innovation and we are confident that the possibilities it creates will be widely recognised," adds Sean Pike.



LAYHER - IN A LEAGUE OF ITS OWN

At Layher, we are proud to be playing our part in attracting youth and diversity into the construction industry and in continuing our own record of community spirit, excellent service and support.

WENMAN'S WOLVES PROVE A HOWLING SUCCESS

Team Wenman's Wolves, led by Captain and P.T. instructor Jake Wenman (jakewenman@live.co.uk), with team kit sponsors Layher and contractor 21 Construction Ltd., ran a 12km obstacle course at Cranford Hall, Kettering, in aid of Hunts Community Cancer Network.

The whole team extends a huge 'thank you' to all of our customers, colleagues and partners who collectively raised £4,215.



MEET THE NEWEST MEMBERS OF OUR TEAM!



Jas Whitcomb
Accounts
Letchworth HQ



Can Pekdemir
Internal Sales
Letchworth Depot



Eamon Ryan
Logistics and
Yard Operative
Livingston Depot

LAYHER GOES TOP AT NEWMAINS UNITED FC

The Scottish junior football club Newmains United now benefits from Layher's sponsorship for their team tracksuits.

Mark Bisset - who, in addition to his role as Layher's Area Sales Manager, is also a member of NUFC's coaching staff - says "Our support is helping to attract new players and to bring about a new level of professionalism, encouraging further sponsorship from other local businesses."



EVEN MORE OUTSTANDING KIT FROM LAYHER



Layher are also kit sponsors for the aspiring junior football team, Misterton United Under 8's. The team plays in the Premier Division of the Liberty Steel Junior Football League (Scunthorpe and District).

The past, present and future of system scaffolding



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Layher

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