

AUGUST 2020

UPDATE LAYHER

MEETING THE CHALLENGES

The year 2020 will sadly be one that all of us will remember for many more years to come. Yet, if that has presented us with a range of challenges, at Layher, it also marks the coming together of a long history and a commitment to the future.

"We are immensely proud to have grown successfully now for 75 years to occupy the position we have in the worldwide scaffolding and access industry," says Sean Pike, Layher's UK Managing Director.

"Importantly, this has placed us in an excellent position to address the issues facing us all and, more significantly, has provided a firm basis for us to reinforce our commitment to working closely with all customers."

From ensuring stock levels are maintained and available, to providing appropriate advice and support on safety issues, our ability to deliver quality, innovation and expertise is being fully underlined.

"The same characteristics have also created a firm footing to accommodate any changes defined by the Brexit process and, in truth, have helped us to emphasise the full range of benefits associated with our equipment and services, and of course our strategic partnership with you, our clients," adds Sean Pike. Allied to an ongoing commitment to optimising environmental performance, at Layher, we not only point to a successful past but, more importantly, to an optimistic future for both our customers and ourselves.

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your natural choice!

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Layher® 

More Possibilities. The Scaffolding System.

75 YEARS OF PROUD HISTORY

“A clear focus on working as closely as possible with every customer to achieve scaffolding, access and protection results that are both technically advanced and creative.”



Layher® **75** YEARS OF INNOVATION



UK Managing Director, Sean Pike is clear about the philosophy that has enabled Layher to mark its 75th anniversary. The company has grown from little more than a single production building in 1945 to a state-of-the-art manufacturing facility, global sales and support network.



Apart from building and construction, we have also built a leading reputation in other sectors ranging from rail and offshore oil exploration to the event sector and industrial maintenance. In all cases, a relentless focus on innovation and strategic customer partnerships have been central to our approach.

“Our growth in the UK since we moved to our Letchworth head office in 1997 reflects this philosophy and our emphasis on making our equipment and support services as available as possible at local level, via organic growth,” adds Sean Pike.

Today, the Layher head office is supplemented by facilities in Livingston in Scotland, Eggborough in Yorkshire and

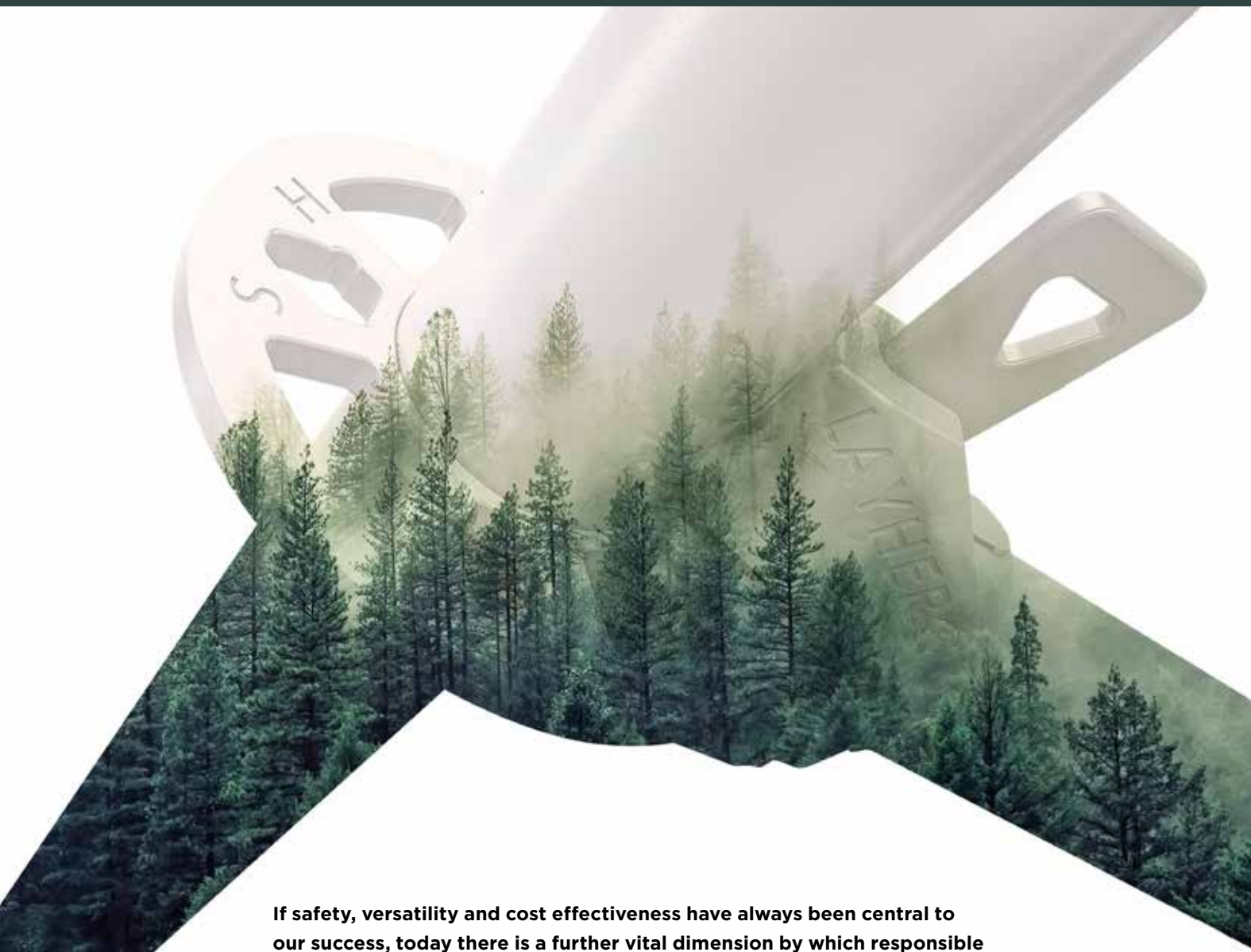
Dublin in Ireland while the latest facility in West Bromwich in the West Midlands opened its doors at the end of last year.

Under the banner of ‘75 Years of Future’, we are now looking towards the next phase of success, particularly as many of our user industries emerge from the current difficulties.

“This positive view has been developed on the firm foundation of success in the past and an understanding of how important it is to maintain close links with both our scaffolding contractor customers and, ultimately, their own clients,” concludes Sean Pike.

LAYHER . . . THE NATURAL CHOICE. LITERALLY.

ENVIRONMENTAL COMMITMENT IN PRACTICE



If safety, versatility and cost effectiveness have always been central to our success, today there is a further vital dimension by which responsible companies such as Layher are now assessed. Optimising environmental performance is a factor that is not only increasingly called for by our customers but, vitally, is a commitment which we demand of ourselves.

"Every aspect of our activity now accommodates this consideration – extending from manufacturing and production processes to our broader association with the local, national and international communities," says Sean Pike, Layher's UK MD.

From a dedicated Layher Energy Management Team at the production facility in Eibensbach, near Stuttgart, to factors such as the location of facilities, efficient infrastructure and systems, and a belief in a broad range of recycling measures – all contribute to our environmental culture.

We like to think that if Layher was a breath of fresh air when it was introduced 75 years ago. . . then it still is.



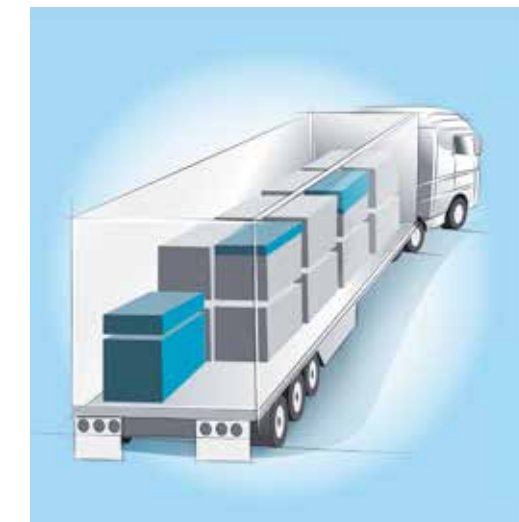
Process Sustainability

- Ten-year goal to lower energy usage
- Minimum distance between locations helps reduce CO₂
- Ecological acquisition of raw materials – only suppliers with ISO certificates
- High energy efficient machinery utilised
- Efficient technologies and production processes help to preserve resources
- Combined heat and power plant installation helps to meet sustainable regulations



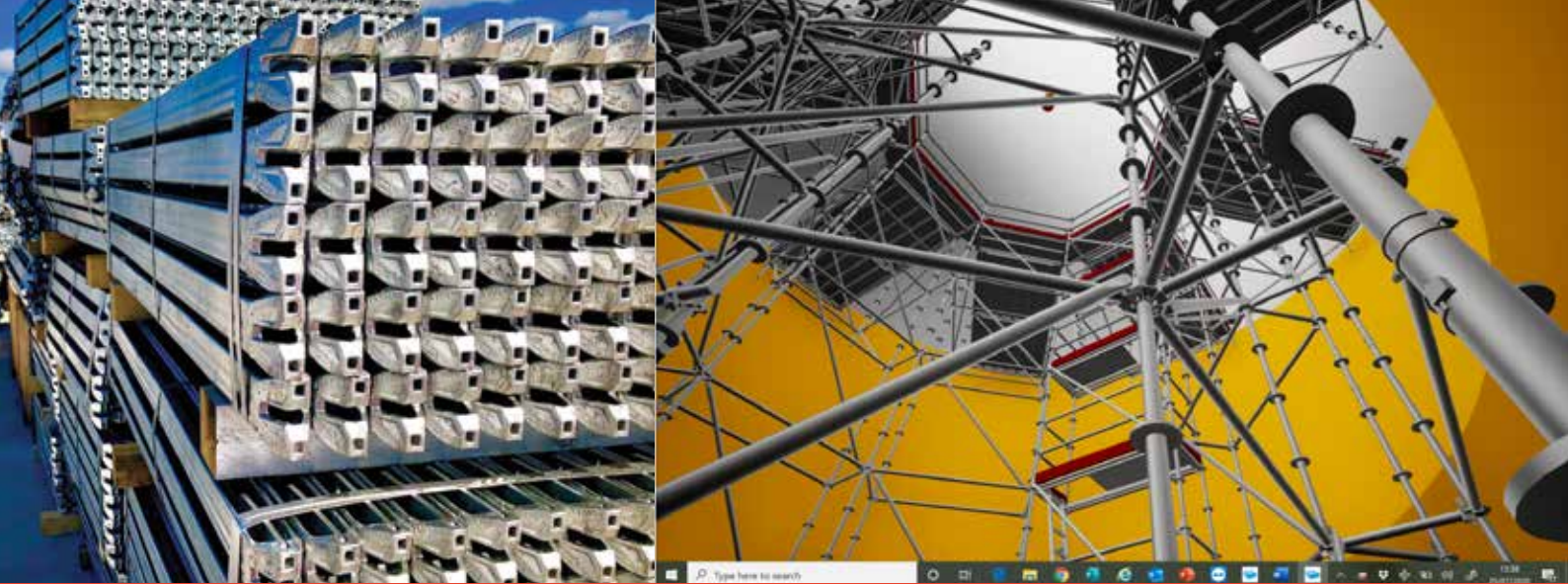
Sustainability Measures

- Targeted building refurbishment helps minimise unnecessary heat loss
- Lower energy consumption aided by LED lighting and regular adaptation of IT systems
- Diesel-powered forklift trucks replaced by electric alternatives
- Green spaces included in new building plans
- Recycling and reuse of waste materials during production
- Commitment to paperless/paper saving office materials



Sustainability

- System integration allows new components to be combined with existing material stocks
- Approvals applied to successive system generations
- Lightweight material usage reduces transport costs by up to 15% with corresponding reduction in CO₂ emissions
- Reusable Layher protection systems eliminate the need for the disposal of tarpaulin alternatives



TURNING THE FUTURE INTO REALITY

The optimism that we have for future success is not just based on our 75 year global track record. Vitrally, it is centred on a belief that a full range of solutions is provided and opportunities created for our customers whatever their size and focus.

Detailed here, our choice of products has been designed with the aim of improving safety performance and efficiency – often the result of customer feedback. They have all grown out of our belief in ongoing innovation while their integration ensures the ideal blend of equipment can be efficiently utilised every time.

Equipment, of course, is only part

of the story. By steadily building our UK-wide depot and support network, as highlighted alongside, we can bring the benefits of Layher directly to the point of use – optimising delivery operations and helping to maximise efficiency.

With strategies in place to help customers address current issues, we believe that if our history is impressive then the present can be optimised. And the future? Well, that's something we believe we should all look forward to.



NATIONAL PRESENCE WITH LOCAL ACCESS

ALLROUND LIGHTWEIGHT SCAFFOLDING

Maximised installation versatility centres on Layher's acclaimed 'rosette' design.

EVENT SYSTEM

Dedicated equipment designed to be expandable and adaptable.

PROTECTIVE SYSTEMS

From 'Protect' containment panels to a choice of temporary roofing systems.

SPEEDYSCAF

Simple, manual erection using just five basic components.

FALSEWORK (TG60)

With a few additional components, Allround can be easily converted into a falsework system offering back-propping, crash-deck and load support solutions.

ROLLING TOWERS

Fast to erect, easy to reposition, safe, and with a choice of decking sizes.

LADDERS AND STAIRTOWERS

Direct stairtower connection to scaffold design provides safe, durable access for multiple personnel at any height, alongside a choice of durable ladders.

ACCESSORIES

From steel or aluminium unit beams, scaffold tubes, couplers and castors to hoists, nets, wall anchors and hardware.

SCAFFOLD INFORMATION MODELLING (SIM)

From 'fly-throughs' and rotational viewing to analysis of key material information, SIM adds a new dimension.

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Examples of the FlexBeam in use in both the UK and Ireland.



NEW LAYHER ALUMINIUM **FLEXBEAM** IN THE FIELD

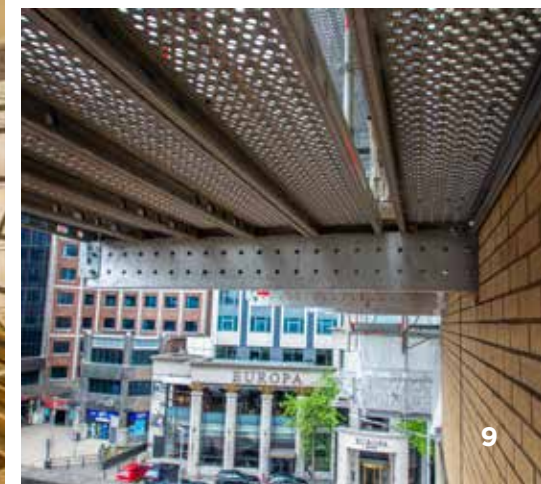


FLEXBEAM'S BENEFITS MEAN **NEW SOLUTIONS**

The Layher Aluminium Allround FlexBeam - innovation that delivers safety, versatility, and performance to site every time with a choice of FlexBeam lengths and a long list of key features.

Usages can range from support, cantilevered and suspended structures to curved installations such as bridges - in all cases helping to optimise performance and both material and manpower deployment.

- Simplified cantilevered and suspended scaffold installations
- 40% higher bending load capacity without the need for compression chord bracing
- Achieves lower construction heights
- Connects directly to Layher Allround
- Additional fittings enhance and extend installation options
- Optimises scaffold installations on curved structures



LAYHER SYSTEMS RISE HIGH FOR CATHEDRAL ROOF REPAIRS

Slate roof repairs on the 800-year-old St Patrick's Cathedral in Dublin have benefitted from Layher's Allround scaffolding and lightweight roof systems.

Importantly, the installation above the nave has featured 11 Layher 750 beam clusters either side of the cathedral from which further scaffolding then rises to the temporary roof.

"The installation has accommodated restrictions on tying-in to the fabric and both the movement and positioning of equipment through often tight spaces and alongside very valuable and irreplaceable structures and artefacts," says Simon Ainscough, Director at contractor Ainscaff Scaffolding.

"Our Keder XL lightweight roof design was built to reach fully over the apex of the building without

further support to achieve a span of some 18 metres," says Sean Pike, Layher Ireland's Managing Director.

In total, some 4.5 km of ledgers, 1.8 km of beams and 3.4 km of standards have all been deployed for just the first phase of the roof refurbishment programme.



ALLROUND SHAPES UP IN NEW ENERGY PROJECT

The capability of Layher's Allround scaffolding to create access to curved and tubular structures has perhaps never been better demonstrated than on a major energy project on Teesside.

Interlink Scaffolding Ltd. (ISL) has turned to Layher equipment during the construction of the MGT renewable energy plant under the management of EPC contractor Tecnicas Reunidas, S.A.

"The installation centres on 16 individual silos that store biomass at the site and each features extensive pipework and boiler joints within," says Darren Maratty, Managing Director at ISL. A series of internal

working platforms was created by ISL to accommodate these using Allround, with installations moving progressively from silo to silo as the project proceeded. The company believes the external installation would have taken twice as long, and the internal some three times as long, if a tube and fitting alternative had been used.

"The view that modular scaffolding is only suitable for long, straight runs was debunked many years ago but there can rarely have been a better example of how the system can provide benefits irrespective of the site complexity," concludes Sean Pike, Layher's UK MD.

NEW LAYHER FLEXBEAM PASSES UNIVERSITY EXAM

The Layher FlexBeam has played a significant role during University refurbishment with contractor MR Safedek Ltd. – a new user of Layher systems – installing a range of access systems, with the benefits of the FlexBeam in clear evidence.

"The FlexBeam loading capacity has enabled MR Safedek to span pedestrian walkways around the installation where scaffold cannot be built from the ground," says Andy Gee, Layher's Area Manager. *"The cantilever configuration allows*

up to six lifts, constructed from Layher Allround Lightweight scaffold, to continue uninterrupted along relevant facades."

The Layher Protect system and a series of 1.25 m Layher beams over vehicle access areas – with scaffold again installed above – are also featured at the site while the fact that the rosette connection system has helped to minimise noise during the building work has also been appreciated by the university authorities and students alike.

LAYHER HELPS PRESTIGIOUS COLLEGE TO GROW

The first use of Layher Allround by Hampshire-based Liddiard Scaffolding Ltd. has brought clear benefits to a new build project in the education sector.

Churcher's College in Petersfield is gaining from the creation of a new science and music block by Brymor Construction Ltd., with the Layher Allround installed to four lifts around the structure to provide access for brickwork and window installations.

"The ease with which Liddiard Scaffolding has been able to erect the scaffold for Phase I of the project has been very significant," says Clive Rowe, Layher's Area Sales Manager. *"Moreover, its removal and transfer onto the second phase of the work will be far more efficient than a conventional tube and fitting alternative."*

With the college – which dates back to 1722 – occupied throughout the work, the minimal number of components and aesthetic result of the installation have provided important benefits in terms of both safety and appearance.

"The 2.75m wide bay design, with almost a total absence of cross bracing, has helped to optimise the movement of men and materials throughout the structure," adds Clive Rowe. He also points out that the work has featured a combination of Layher Allround scaffolding, lightweight standards and decks – including ladder access elements – alongside loading bays and stairtowers positioned at key points.





TURNING IMAGINATION INTO REALITY

Planning reliability, cost control, improved material management, on schedule project implementation – all are vital factors for every successful building and construction operation and all can now gain from our early commitment to digitalisation.

"The ability to create, design and assess project details via a sophisticated software facility can not only optimise a building programme but can give our customers a vital competitive edge," says Sean Pike, Layher's UK Managing Director.

The range of Layher software options is now, effectively, a product group in its own right. This comprises a Scaffold Information Modelling (SIM) facility, which utilises 3D modelling that can also provide access to BIM, and the versatile LayPLAN Suite. This includes LayPLAN Classic and LayPLAN CAD alongside a dedicated Material Manager and even a Virtual Reality Viewer. The Layher modelling choice now available matches the vast range of building and construction projects that our customers encounter.

BUILDING UP TECHNICAL DOCUMENT INFORMATION

Users of our range of products all now benefit from the availability of enhanced Technical Documents.

"Apart from offering detailed information on our range of components, our series of Technical Documents also provides contractors with other key guidance," says Nick Geddes, Layher's UK Technical Manager. *"These range from assembly instructions, structural analysis information and loading diagrams to advice on planning applications and approvals."*

The revisions now of the technical information available for these specialist products represent an important supplement and will increase the opportunities from which contractors can now benefit even further.



NEW STEEL TOE BOARD

Designed for general longevity and for applications in fire sensitive areas – such as in refineries or chemical manufacturing plants – the new Layher Steel Toe Board complements and completes our drive towards a fully lightweight steel system, along with the recently introduced Lightweight Steel Deck. Fitting directly onto the steel decking and behind the wedges on our Allround systems, the design can also readily accommodate corner area installations.



The past, present and future of system scaffolding



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Layher®



More Possibilities. The Scaffolding System.

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