



At the forefront of building envelope solutions



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About Longworth

Over the years, we have become renowned for being an industry innovator. Building on our established reputation for being master craftsmen in the use of traditional metal products such as zinc, copper and stainless steel, since 1999 we have extended our skills and expertise to cover the whole of the external building envelope and all to the highest of specifications.

Experience and detailed market knowledge of customer needs, supplier skills, legislative and environmental drivers and the emergence of new

technologies have all contributed to our current market standing.

We combine this with outstanding customer support, safe working practices, technical understanding and quality workmanship - all of which have been achieved through constant investment in training and certification of our people.

At Longworth, we have a proven track record of working with all of the major UK developers to complete projects on time, on budget and on demand.

Longworth are one of the UK's leading envelope contractors, offering a complete turnkey service of design, installation and project management.



Holdcroft Extra Care Facility, Stoke



Liverpool Life Sciences UTC, Liverpool



The Bund, Media City, Salford



Established by Archie Longworth in 1867

Supply Chain

A selection of our key manufacturing partners.



Longworth is a primary partner of the global leaders in construction products used in building envelopes.

By partnering with the leading manufacturers, we can meet any design and performance criteria, including high thermal, acoustic or fire protection properties.

Building Performance is at the forefront of our design process and by working closely with our supply chain we are able to provide expert opinion on the best products and installation methods to get every element correct from the outset, to the complete satisfaction of our clients.

Systems

We've got them all covered.



Fully-supported metal roofing & cladding



Zipped standing seam roofing



Flat Roofing



Architectural Cladding



Rainscreen Systems



Architectural Timber Cladding

Galashiels Transport Interchange

The new £5.2 million Galashiels Transport Interchange opened to the public in August 2015 and is described as a 'gateway' to the Borders Railway.



Location — Galashiels, Scotland



Specification

- Stainless steel diamond shingles + full substrate
- VMZinc Anthra Standing Seam Cladding
- Sika Trocal Single Ply Membrane

Photography © Copyright Alastair Carew-Cox

Parsons Tower

Looking at the before and after pictures of the project, it is hard to believe that it is the same building. We are very pleased with the final finish of the project, which is a prominent feature at the entrance to Newcastle from the A1.

Location — Newcastle



Specification

- VMZinc Anthra & Quartz Standing Seam Roofing and Cladding + full substrate
- TECU Gold copper, diamond shingles
- Larson ACM cladding
- Sika Trocal Single Ply Membrane
- Aluminium column casings
- Kingspan Benchmark roof liner
- SFS Fixings
- Eurobond Rainspan



Architect
—
Broadway
Malyan

Value
—
£1,000,000

Contractor
—
Bardsley
Construction
Ltd


Public Sector

www.longworth-uk.com

West Yorkshire Archive

Bardsley Construction were awarded this prestigious contract to complete the design and undertake the construction of the new £6.4m West Yorkshire Joint Services Archive building. Longworth were appointed as the Envelope Contractor.



Specification

- Proteus aluminium rainscreen panel with bespoke perforations
- Proteus bracket and mullion support system
- SFS fixings to concrete
- IKO PermaTEC hot melt flat roof

Location
—
Wakefield, West Yorkshire



The design of the scheme was undertaken by Broadway Malyan Architects, who worked closely with Longworth to develop the design and scheduling of the detailed bespoke Proteus aluminium rainscreen panel. Proteus SC Tray Panel system was specified for the single skin perforated panels that form bold, sweeping, diagonal patterns across the façade. Executed in polyester powder coated aluminium, the perforations give the panels various degrees of opaqueness, with back lighting in the evening to accentuate the effect, forging a dramatic, changing façade. In order to achieve the design requirements, each of the perforated panels had to be manufactured to a specific drawing reference and to millimetre tolerances. This involved changing the location, number and layout of the perforations on each panel.

The rail system supplied by Proteus comprised a 125 x 50mm mullion, which was designed to span floor to floor with large cantilevers fixed from the first floor slab and connected to the bespoke designed

steelwork at roof level to allow the building to form the profile required. The sharp 'arrow head' corner detail required a bespoke bracket and mullion support system, designed by Longworth in collaboration with Proteus.

The construction phase went through a full winter, which made the laying of the IKO PermaTEC hot melt roof a particularly tricky challenge. Longworth's operatives had to battle through the elements to make sure the project stayed on programme.

The roof had a tapered parapet, which caused an irregular shadow path throughout the day. This could have caused problems for the Solar PV system. Longworth performed a shade analysis in CAD to provide the best area for the solar system without impacting on its performance.

CVR

The striking design not only provides a state-of-the-art research facility, but will also reflect the university's status as one of the UK's leading research universities and a member of the prestigious Russell Group. It will be at the forefront of international research into human and animal viral diseases



Location
—
Glasgow



Specification

- Arubis Nordic Royal Copper
- Kingspan KS1000 Mini Micro composite panel
- Kingspan KS1000TD Topdek composite panel
- Sika Trocal Single Ply Membrane

Matalan HQ

Morgan Sindall secured the £19 million contract with Maro Developments to construct the new Matalan office building at the former Petrolite site at Knowsley Industrial Park.



Specification

- Kingspan Benchmark with K20 ceramic tile exterior
- Booth Murie ACM rainscreen In Traffic Red & Black Grey
- Aluminium copings and column casings

Location
—
Knowsley, Liverpool



Duke Street

A shining light in the regeneration of RopeWalk's Conservation Area in Liverpool, 90 Duke Street is the new purpose-built headquarters for Atlantic Container Lines (ACL).

Location
—
Liverpool

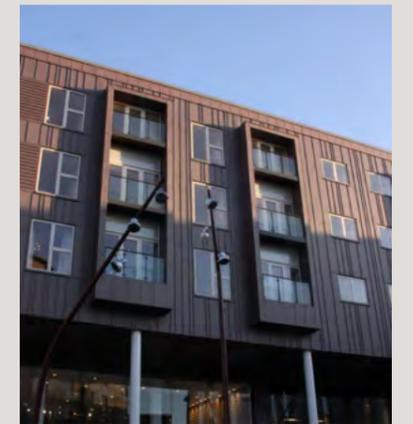
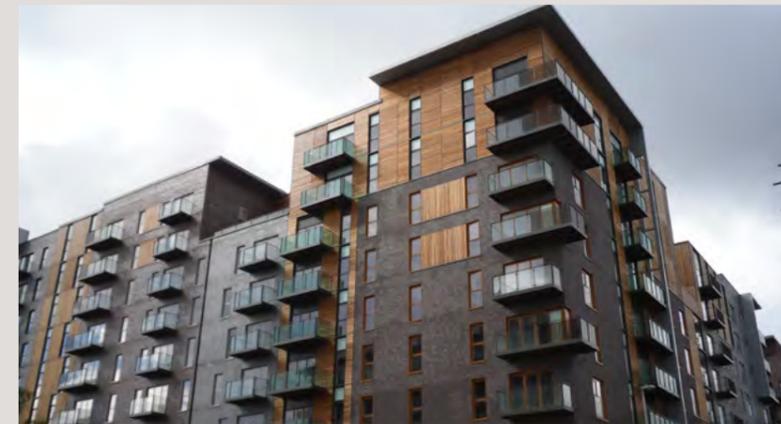


Specification

- KME Tecu Bronze Cladding
- KME Tecu Bronze Cladding bespoke window surrounds
- PPC aluminium flashings
- Kingspan Insulation
- SFS fixings

The Rock

The only major retail scheme to open in the UK in 2010, The Rock adds 600,000 sq ft of retail floor space to the town. More than 18,000 people visited The Rock Bury within two hours of its opening on 16th July 2010.



Specification

- Pigmento Zinc Standing Seam Cladding
- Rheinzink pre-weathered blue grey
- Pre-manufactured cedar panels
- Eternit rainscreen boarding
- Polycarbonate cladding and aluminium louvres
- Anodised aluminium
- ACM rainscreen

Location
—
Bury, Greater Manchester



Architect

Reid

Value

£400,000

Contractor

Artez Group

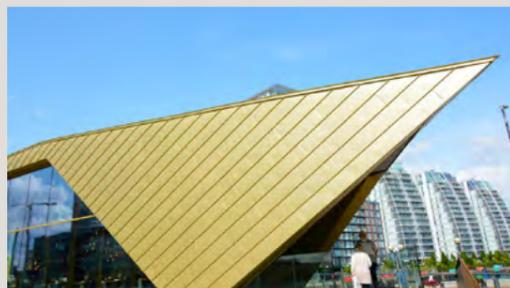


Retail

www.longworth-uk.com

The Bund

Designed by Reid Architects, The Bund is now an iconic new bar and restaurant on the waterfront next to the world-famous Lowry Centre for Living Ventures and the company's 11th Alchemist venue.



Specification

- ElZinc Rainbow Gold Protect Plus from SIG D&T
- Admaster roof and wall liner
- SFS A4 Grade 316 fasteners
- Fundermax HPL

Location

Media City, Salford



The design brief provided scope for originality and creativity in meeting the key requirements to deliver a building that would be different and special, yet still draw together the diverse areas of Salford Quays in a single new building. The Alchemist is located on the land bridge between Heron Basin and North Bay known originally as 'The Bund'.

The Bund provides a revolutionary hybrid landscape in creating what is a unique and futuristic venue. The new building's gold roof and walls, and stunning terrace that cantilevers out over the North Bay of the

Manchester Ship Canal, are designed to match the aesthetic and style ambitions of Living Ventures and of the high-class cocktail bar's clientele. Longworth were responsible for the full build-up and external envelope inclusive of the SFS and full substrate. Almost 2,000m² of ElZinc Rainbow Gold installed in diagonal standing seams on a Kingspan Benchmark Karrier panel makes up the roof and façade. Fundermax High Pressure Laminate formed the soffit in a complimentary grey colour range.



Also awarded:
Best New Pub/Bar Site
The Industry Choice Award is for the best project of the year voted for by the public. The 2018 award amassed over 1,500 votes of which, The Bund was a landslide majority.

Langwith College

Longworth were asked to carry out the zinc standing seam cladding, aluminium window feature surrounds, aluminium feature dormer chimneys and single ply membrane roof coverings to all of the blocks.



Specification

- VMZinc Quartz-Zinc standing seam
- Bespoke aluminium fabrications
- Sika Trocal Single Ply Membrane

Location
Leeds



Milliners Wharf

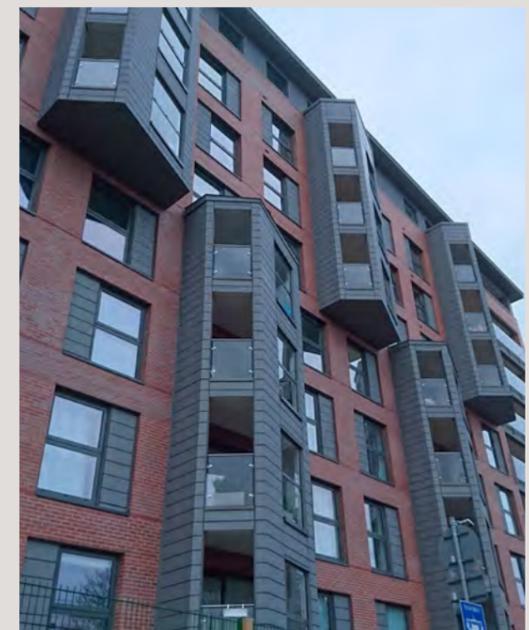
Longworth were appointed by GMI to install 6,500m² of VM Quartz Zinc Plus to the cantilever balcony pods, penthouses, glazing infill panels and roof to a high specification apartment building in the desirable area of New Islington, Manchester. The vast amount of traditional zinc craftsmanship looks fantastic!



Specification

- VMZinc Quartz-Zinc+ Cassettes
- Fundermax rainscreen system
- VMZinc ZCM secret fix system to ground floor

Location
Manchester



Oldham Town Hall

Oldham Council chose to regenerate its Grade II listed Old Town Hall and bring the building back into use as a cinema and dining destination.

The finished roof is a melting pot of varying levels, materials, heavy plant and interfaces between dilapidated brickwork and new, modern roofing techniques. Longworth demonstrated exceptional levels of skill to install plant-screen louvres, zinc interlocking planks, single-ply membrane, hot-melt and green-roof, whilst being sympathetic to the original stone cornices, ornate chimney stacks and crumbling brick façade to achieve a harmonious balance of conservation and practicality.

The external, ground level facade was clad in Generix Lite real natural stone rainscreen

system, which returned back in to the cinema foyer. The materials were kept in an off-site location and the transportation of the fragile natural stone was a tough challenge to overcome. Extra care and attention was paid to the logistics of bringing the materials to site to ensure they were not damaged in transit.

As well as providing an aesthetically-pleasing, watertight roof, Longworth helped with the regeneration of Oldham Town Hall, a proud and now multi award winning building, breathing new life into the community.

Awards

- RIBA North West Award 2017
- RIBA North West Conservation Award 2017
- Building of the Year 2017 from the Greater Manchester Chamber of Commerce
- RICS North West Regional Awards 2017:
Design Through Innovation Winner
Regeneration Award Winner
Project of the Year Award Winner



Specification

- Rheinzink Graphite Grey
- Aluminium composite wall cladding
- Generix Lite real natural stone Rainscreen cladding
- IKO PermaTEC hot melt inverted roof
- Sky Garden Green Roof
- SikaTrocal Single Ply Membrane
- Maximair Louvre 75
- Hydrostop EU AH25 Liquid Waterproofing
- Sikalastic
- Trisomet
- Trima Panel



Location
Oldham, Greater Manchester

Green Lanes

Longworth installed 240 large format KME Proteus panels as well as Falzinc and Rockpanel on the eight-storey Green Lanes residential development in Hackney. Longworth overcame numerous challenges including working and operating on a tight and compact site in the ever busy East End of London, delivering the project on time and to budget despite a truncated programme.

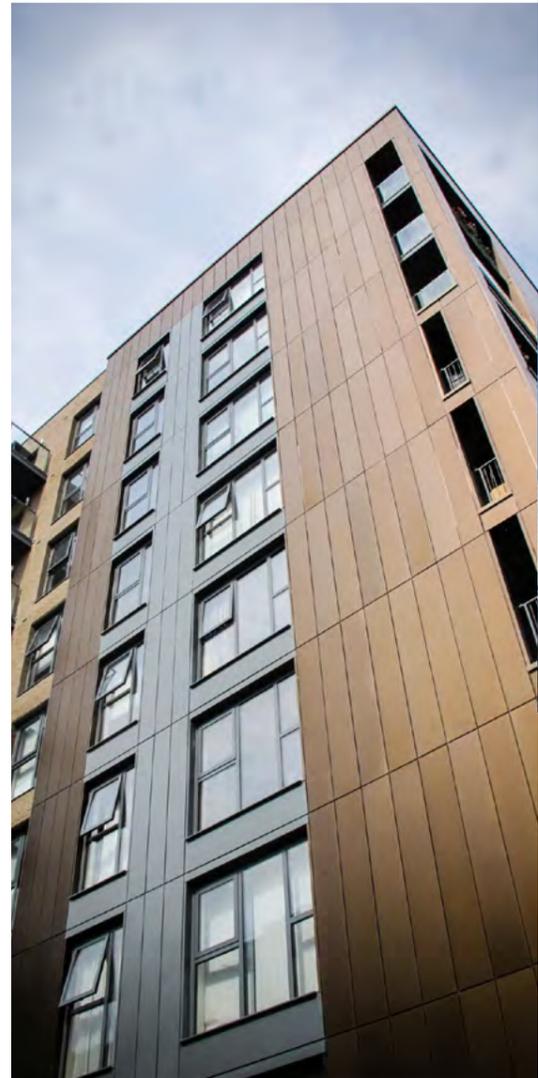


Specification

- Proteus HR Honeycomb Rainscreen System
- Kalzip FalZinc
- Rockpanel Durable



Location
—
Hackney, London



Garston Hospital

The spectacular award-winning Health Centre in Garston replaced a tired Edwardian Hospital. Strong geometric forms clad in hand-formed Uginox mirror finish stainless steel provide a quilted effect and dramatically reflect and change mirroring the daily light themes. A large dramatic courtyard clad in Rodeca Polycarbonate, provides the inner focal point housing a 'Tropical Garden' inspired by the birth of tropical medicine in Liverpool.

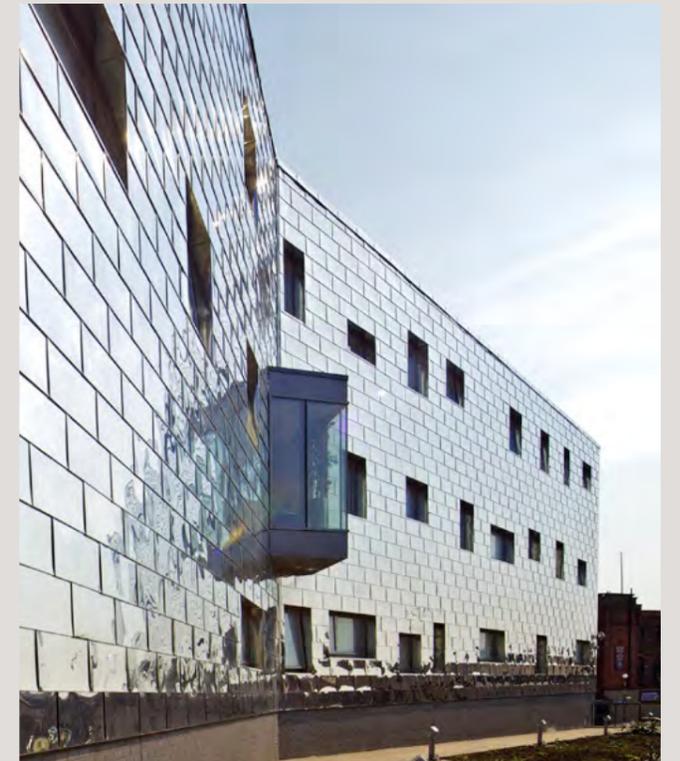


Specification

- Uginox Mirror finish stainless steel shingles and substrate
- Rodeca polycarbonate cladding



Location
—
Liverpool



Architect
—
Fuse

Value
—
£1,600,000

Contractor
—
Wates
Construction


Residential

www.longworth-uk.com



Vita Student Accommodation

—
The Vita Student project at Lawrence Street, York, designed for Select Property Group by Fuse, was completed in September 2017 – on time and on budget. Longworth were appointed by Wates Construction to install the timber rainscreen and stainless steel roofing.

Located within the grounds of the former Grade II listed St. Joseph Convent, the new "Student Village" provides 644 bedrooms across 15 new and 3 listed buildings. The project is Select Property's largest completed student development to date.

The site for the student accommodation is located within the grounds of a former convent building. The village will house 659 students in 15 three and four storey buildings across a 6.3 acre site. The former convent building is being restored for a communal use building.

Longworth installed almost 6,500m² of Aperam Uginox stainless steel, from SIG PLC roofing and 3,500m² of Scandinavian Redwood rainscreen including all associated substrate PPC aluminium flashings and rainwater goods.

The Scandinavian Redwood, procured from Norclad was installed using two methods; castellated and timber fins, to create dramatic shadows across the building's facades.

Specification

- Aperam Uginox stainless steel roofing
- Scandinavian Redwood rainscreen
- PPC aluminium flashings and rainwater goods
- Single-ply membrane roofing
- Liquid applied roofing

Photographs courtesy of Fuse-Studios

Awards

- Winner Best Large Residential Development, 2018 York Design Awards



Location
—
York

Holdcroft Extra Care Facility

Holdcroft Extra Care Facility is part of the biggest scheme of its kind ever in Stoke. It is the largest VM Anthra Zinc project in the UK at 14,000m² covering the roof and the façade. Longworth installed the zinc and single ply for this stunning traditional metal roofing & cladding project.



Specification

- VM Anthra-Zinc+ Standing Seam Roofing and Cladding
- Kingspan Topdek
- Sika Trocal Single Ply Membrane
- SFS fixings



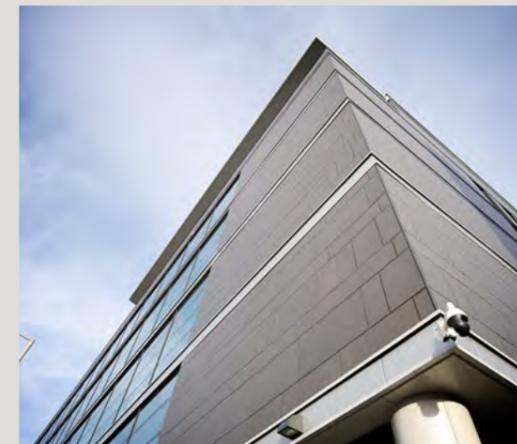
Life Sciences Accelerator

The £25m laboratory has been built at the new Royal Liverpool hospital to carry out research into antibiotic resistance. The Liverpool Life Sciences Accelerator will provide state-of-the-art laboratory space and offices on the Daulby Street site. The accelerator is the first development in the creation of a city centre health campus that will be built on the site of the existing Royal Liverpool University Hospital.



Specification

- Marley Eternit Equitone Tectiva
- Euroclad rainscreen system
- Sika Trocal Single Ply Membrane
- IKO Permatest Inverted Roof
- Baileys Bullnose, Fascia and Soffit system



Architect
—
Lancashire
County Council

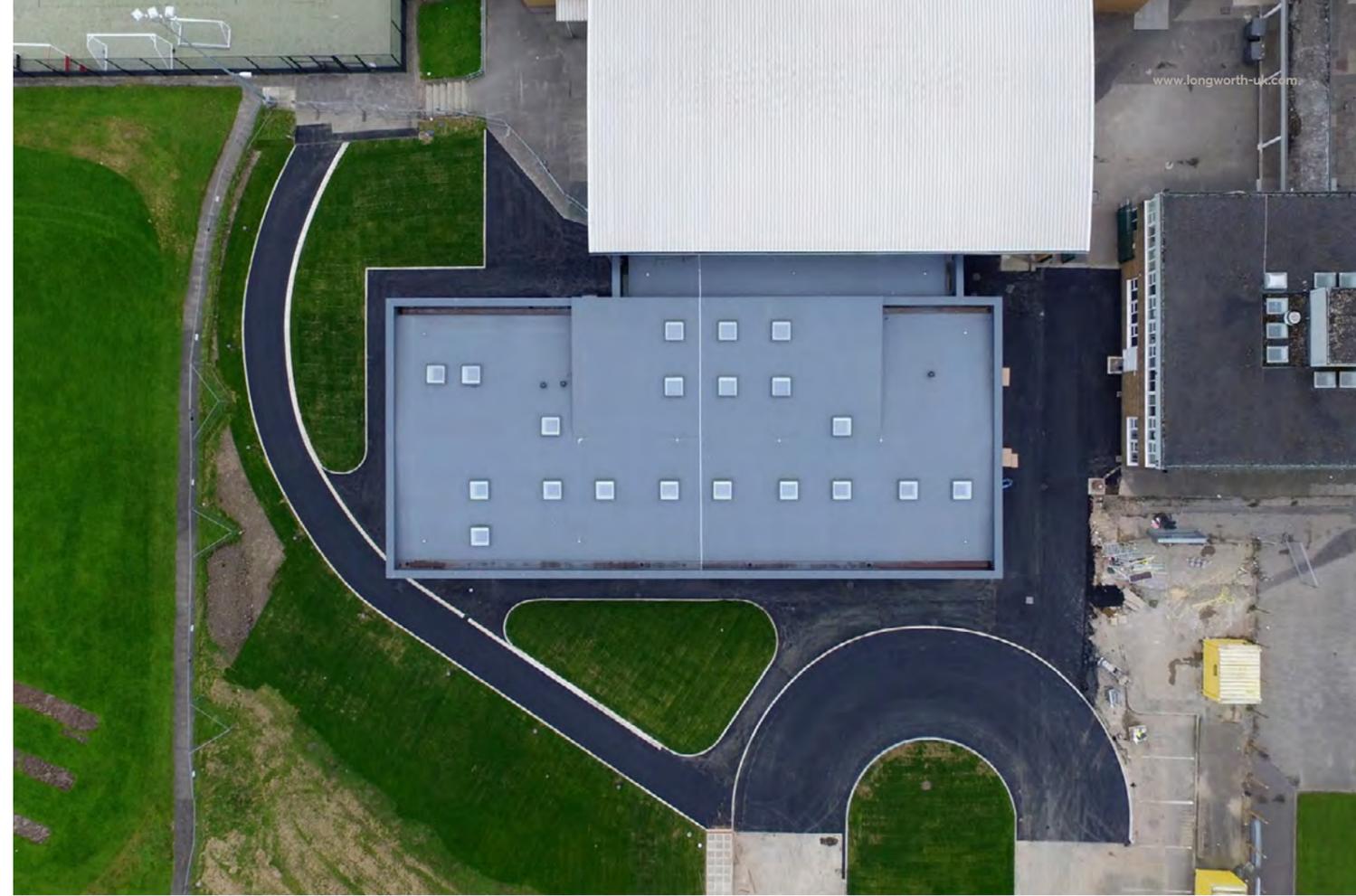
Value
—
£150,000

Contractor
—
Walter Carefoot
& Sons Ltd

Education

Holy Cross Catholic High School

Walter Carefoot & Sons Ltd were appointed as main contractor to build a much-needed extension to the existing school. The project was awarded as part of a partnering framework that Walter Carefoot & Sons Ltd have with Lancashire County Council.



Specification

- Sika Trocal Single Ply Membrane
- PPC aluminium cappings to the perimeter
- Velux flat roof windows

Longworth were appointed by Walter Carefoot & Sons for the installation of the flat roof on Holy Cross Catholic High School in Chorley, Lancashire. The programme ran for 35 weeks and was handed over to the school in the summer of 2017.

The project consisted of 6 new classrooms and a specialist dance and drama studio, with over 800m² of Sika Trocal single ply membrane being installed, along with PPC aluminium cappings to the perimeter and 20 Velux flat roof windows. Longworth have an excellent working relationship with Sika, which was evident to Walter Carefoot & Sons throughout the bidding process.

Not only were Walter Carefoot & Sons delighted with the quality of the finished roof, but so too were the School and Lancashire County Council.



Location
—
Chorley, Lancashire

Warehouse

The Warehouse offers stylish urban living in a unique, luxury development right in the 'heart' of Chester. The standing seam profile lends itself perfectly to the sympathetic conversion of the once heavily industrial building.

Specification

- Armourplan Single Ply Membrane
- Mock standing seam profile



Location
—
Chester

Aintree Hospital A&E Department

Aintree Hospital was a live and operational building, as well as a construction site. It was imperative that the tight schedule was adhered to for the A&E department to remain open as phase one was completed and phase 2 was being demolished. The project was completed one week ahead of schedule for works relating to the critical path. A superb all-round team performance.

Specification

- Kingspan Optimo in varying widths and colours
- Reynolux cladding in single lock welt joints
- Generix Lite Rainscreen in black & white
- Fatra Single Ply Membrane
- Multi-coloured aluminium window surrounds
- Maximair Louvres



Location
—
Liverpool



What Our Clients Say

“Longworth delivered an incredibly complex building envelope with a high level of skill and professionalism. They were able to solve difficult design problems without compromising on the overall design aesthetic of the building and were a pleasure to work with.”

—
Rick Smeaton - Regional Contracts Manager, Bardsley Construction Limited, West Yorkshire Archive

“Longworth’s knowledge, hands-on attitude and wealth of experience allows them to work with the architect and project team to turn complex designs into reality. We commend their positive and cooperative attitude towards design.”

—
Jason Duggan - Architect, Capita Symonds, The King’s CE School Wolverhampton

“We are delighted with the quality of Longworth’s completed work – the crispness of the standing seam zinc roof makes a great contribution to the quality of the overall building”

—
Paul Bell - Partner, Ryder Architecture Dumfries & Galloway Royal Infirmary

“Longworth’s expert knowledge of the building envelope was invaluable throughout the project and the quality of their workmanship is evident for all to see. We were thrilled with the finished work”

—
Alastair Ruttle - Senior Quantity Surveyor, VINCI Construction, Liverpool Life Sciences

Awards & Accreditations

—
We are very proud of the recognition that we receive for our work in what is a competitive industry. A great number of our projects have been nominated for and won awards over the years and we strive to deliver more fantastic, award winning projects for many years to come.

We are CHAS accredited because we believe in the construction industry working together towards singular and consistent standards for health & safety.

Longworth holds the Achilles accreditation. This is particularly important to us as it demonstrates our commitment to continual improvement and reducing the risk to buyers in the supply chain. Our H&S performance is exemplary with a fastidious commitment to improvement. We have won the NFRC H&S Champion Award 4 times since 2010.

Our success comes down to our commitment to health and safety, environment and quality. We have received the NFRC award for Gold Excellence in Health & Safety every year since 2009, an achievement we are very proud of.

We hold ISO accreditations for:

- 9001:2015
- 14001:2015
- OHSAS 18001:2007

