



Awards 2020

A Celebration
of EWI Innovation
and Excellence

Winners 2020

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Welcome from the Chairman

Well, what a year!!

Let me start by saying a huge Thank You to the outgoing Chairman Mitch Gee. Mitch's stewardship has guided us through the last four years and he has handed over the reins with the Association in a stronger position and with great opportunities ahead of us.

Despite the obvious, this year has highlighted the strength and importance of our industry to the commerce of Britain, our well being and our environment. The introduction of the Green Homes Grant, albeit rushed, presents us with a colossal potential pipeline, however it is vital that we learn from past mistakes. Now, more than ever, the importance of our strong and technically competent Association must listen to our members, engage with policy makers and broker realistic delivery goals.

We see our membership numbers growing in 2021. I can assure you the process of membership will not be diluted, instead the value and recognition of INCA shall increase. It is also our intention to liaise with Rainscreen Cladding specialists to understand how, if at all, we can best represent them in the future.

I look forward to sharing this journey with you all.

Marcus Alcindor, INCA Chairman



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Thank you to all those who have contributed financially to the 2020 INCA Awards



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Insulated Render and Cladding Association (INCA)

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2020 Award Judges



Andrew Champ

Andrew Champ has worked in the construction industry for over 35 years with an initial background in construction. Andrew joined Rockwool in 1989 in the technical area and went on to become marketing Director then Business Development Director for Rockwool UK, responsible for the development of new businesses, including their External Wall systems business, Andrew was also on the INCA board.

Andrew Joined SWIGA in 2015 and developed the SWIGA brand and activity whilst supporting Industry with positive changes to PAS and recently running NOS work groups for solid wall disciplines with CITB.

Judges comment:

"In past years entries have highlighted quality projects with limited brick and render options. EWI was often traditionally specified as a "poor cousin to rainscreen". The entries this year have showcased huge diversity with the types of materials being used, the investment in bespoke choices by clients to painstakingly match the immediate surroundings and in the case of the refurbishment sector, an investment in detail not previously seen. EWI now more than rivals Rainscreen in its options for finish and its robust and flexible supply chain whilst also providing the experience of system development and specialist, trained contractors.

It is clear EWI is in a great place and developing faster than alternative methods of cladding, congratulations to all the entries for the excellent work and for showcasing an industry that all too often has its detractors."



Alan Hampson

Alan Hampson has held several management positions within the Mineral Fibre Industry over the past 40 years, and currently heads-up Knauf Insulation's EWI business.

Working both in the UK and previously overseas, he has significant experience and a proven track record in providing insulation solutions for a wide variety of clients across several market sectors.

Judges comment:

"Judging Day was a real opportunity to step-back and admire the versatility, flexibility and sheer aesthetics of a wide range of external wall solutions.

The systems featured in each of the nominated new-build and refurbishment schemes, demonstrated that amongst our members, we have the capability to provide clients, building owners, designers, contractors and developers with proven solutions that will meet their precise requirements."



Gary Peacey

Gary has spent over 35 years in the construction industry with the last 25 years specifically in the field of external wall insulation and renders. Gary has covered every role possible within the sector from Technical Consultant at Snowcem to Managing Director at Knauf Marmorit and is well respected by installers / system providers and accessory manufacturers for his knowledge and professionalism.

Having gained a wealth of knowledge in the industry, Gary decided to fulfil a long-term desire to start his own consultancy business to help assist all aspects of the industry. Gary established EWI Consultants Limited in March 2020, the same week of the Covid lockdown. Despite the difficulties this posed, the business is now progressing and as part of that Gary has been contracted by INCA to the position of Technical Consultant to support the activities of the Technical Committee.

Judges comment:

"The one thing that was very evident in all the entries for this year's INCA awards, is that they demonstrated the passion we all have for this industry. The projects were well presented and showed probably the greatest amount of diversity that we have ever seen. The technical accomplishments of some of these projects have their own story to tell and we very much felt that this should go hand in hand with the aesthetics that were achieved.

With so many high quality and diverse entries, the judging was not easy, but as a group were happy with our deliberations and the outcome. Some companies will be disappointed, as not every entry can be a finalist or a winner. But everyone should take pride in the sheer quality of what the judges reviewed underpinning exactly what our industry can achieve."



Paul Winwood

Paul has worked in construction for 32 years after joining the industry in 1988 with the fledgling business Kingspan!

He moved into coatings and exterior specialist finishes before joining Alsecco in 2003 as their National Sales Manager. He enjoyed his time at Alsecco, helping them increase their foothold in the UK market. He left to join rival SPS Envirowall, where he spent 12 happy years. He was part of an excellent team, successfully growing the business, and helping them to take advantage of both new build and refurbishment market opportunities, culminating in his appointment as Managing Director in 2015.

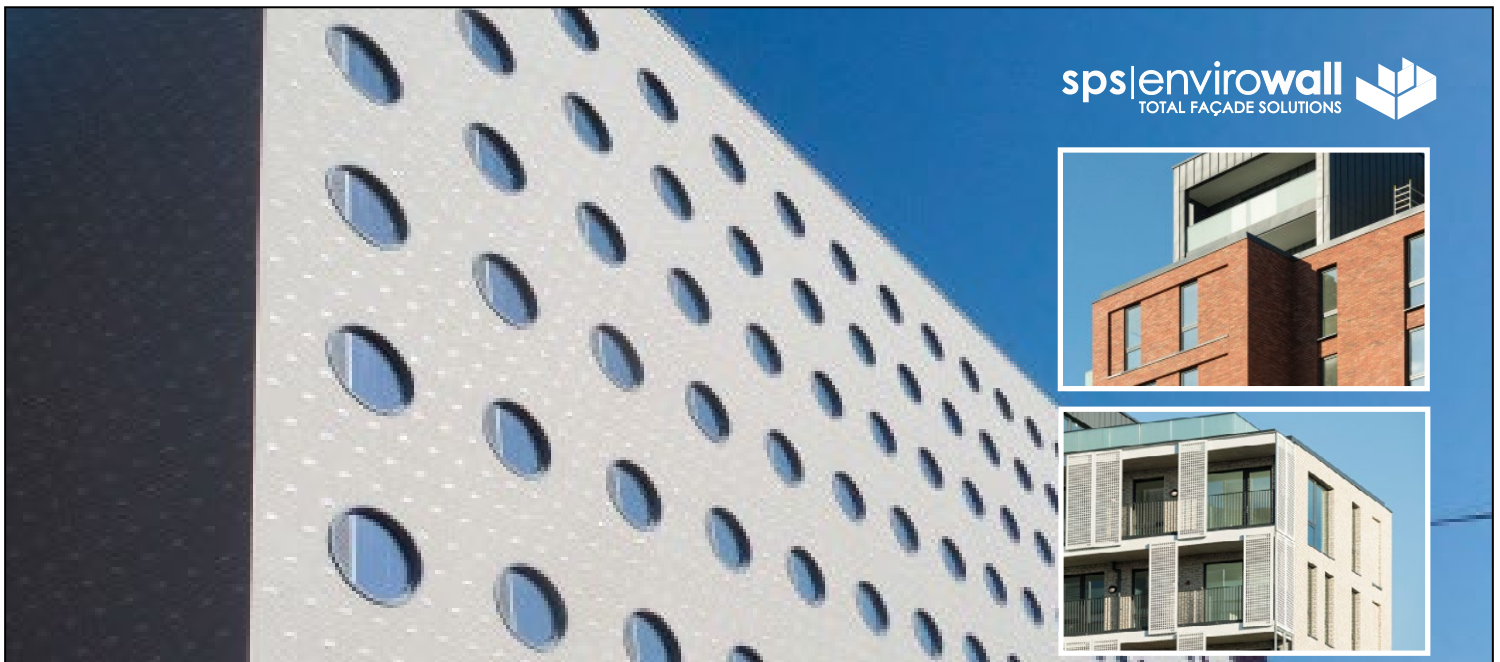
In 2018 he was appointed as Managing Director of lightweight steel frame suppliers, Frameclad. Paul is fascinated by the differences and similarities which exists between the two markets for both product sectors.

The time he has spent in EWI has exposed him to a variety of clientele and projects that has given him a better understanding of the lightweight steel market. Paul still can't resist looking at render jobs and wondering whose system it is and who installed it; a habit that will probably never change.

Judges comment:

"It was a pleasure to be part of a group composed of interested and enthusiastic individuals who hold an obvious understanding and appreciation of the requirements not only of the external façade but the wider impact of decisions surrounding specification, aesthetics and performance.

The entries demonstrated excellent diversity and real progression in the industry plus real investment in the buildings that they adorn. There were so many strong candidates in all categories that it was both challenging and rewarding in equal measure to be part of the overall selection process. I hope the industry and membership are proud of the projects that were presented as they certainly should be."



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Outstanding Achievement Awards

Winners

Padraig Barry – Saint-Gobain

Padraig joined Saint-Gobain in 2007, and moved to a role as Managing Director at Weber in 2010 during the days of CERT and CESP funding, this experience lay the foundations for him and the business to benefit on later initiatives through ECO and other government funding.

This extraordinary growth in EWI during this time tested a lot of manufacturers and applicators, but Padraig rose to the challenge investing in the innovation and development of new systems, people and training for the industry. Padraig supported INCA as the Chairman for many years using his industry experience and wealth of knowledge as the market continued to change.

Padraig has always been very people oriented, championing the expansion of the Technical Academy at Flitwick to grow the skills that were lacking in the industry; the Academy has won a number of INCA training awards in recent years. Padraig also drove the agenda on Wellbeing at Weber, and was the first Saint-Gobain business to win an external award for Wellbeing in 2019, reflecting the Weber 'We Care' values internally as well as externally.

Padraig left Weber in Spring 2020 and moved closer to home as the Managing Director of Saint-Gobain Gyproc & Isover in Ireland, allowing him to spend more time with his family, but continuing to promote the growth of insulation across Ireland.

INCA Board Members consider Padraig Barry to be a worthy joint winner of this award. Thank you Padraig for your many years of energy, commitment and technical expertise.



Padraig supported INCA as the Chairman for many years using his industry experience and wealth of knowledge as the market continued to change.



Julian is a well-known and highly respected "go to" figure within the EWI industry.

Julian Taylor – Structherm Ltd

Julian is a highly qualified Structural Engineer (BEng Hons) who first became involved with external wall insulation back in the early 1990s.

He originally began working with Structherm in 1996 as part of a university research project looking into the potential for development for the unique structural Insulation panel, for use as a load bearing building system. This developed into a permanent position and through years of dedicated design work on EWI projects and research and development of the Structural External Wall Insulation system, Julian progressed in the organisation and was appointed Technical Director in 2001.

Julian was responsible for the development of Structherm's structural External Wall Insulation system used for stabilising structurally defective buildings and also the development of Structherm's "Fastbuild System", a storey high concrete panel system used in the construction of hotels, apartment blocks and student accommodation.

For a brief period, Julian moved away from Structherm to help establish newly formed Insuletics in the EWI market before returning to the organisation in 2017.

Julian has voluntarily chaired the INCA Technical Committee since 2012. During this time, his expertise has been the driving force behind the publication of a number of significant technical documents.

Whether providing expert technical guidance and advice or furthering the development of EWI through BBA testing and accreditation, Julian is a well-known and highly respected "go to" figure within the EWI industry.

With nearly 30 years of experience, his commitment and dedication to his work and his expertise in the industry makes him a worthy recipient of this award. Thank you, Julian, – your considerable efforts are greatly appreciated.



Architectural Merit Award

Winner

“For the first time ever, INCA has introduced a new category called the Architectural Merit Award. This will allow members who have completed a project using a non-member system designer, contractor, or associate component supplier to submit an entry.”

Les Quennevais School

Jersey

System Designer: Wetherby Building Systems Ltd **Contractor:** Fox Contracts Ltd

A major £38m development to construct a new ‘state of the art school’ in Jersey has utilised a Wetherby External Wall Insulation System using over half a million clay brick slips to cover a ‘huge’ 60,000m² build.

Les Quennevais School originally built in the 1960’s was designed to accommodate a maximum of 450 students. Over the years, the school has steadily increased its student intake to around 700 meaning the school has been functioning way over capacity. The building has lacked remediation and the facilities had become outdated and learning spaces compromised.

This in mind, the Department for Education submitted plans to relocate the school to a new site to provide the students with a modern and energy efficient building. Director of Education, Justin Donovan said *“high priority is to raise standards, and there is only so much a student can achieve within the current building.”* Sarah Hague, Head of Les Quennevais, said it was important for her students to have the same opportunities as pupils from other State schools. *“built in the mid-1960s, with low ceilings, small corridors and insufficient communal space, it has had its day!”* >>

Architectural Merit Award

Winner

Planning permission was granted in 2018. Rok Group, main contractors for the scheme, approached Fox Contracts Ltd, WBS approved installers, for advice on the external envelope and Wetherby's Brick Slip EWI System was selected utilising stone wool insulation, deemed to meet the stringent fire and acoustic requirements. Varying thicknesses of insulation achieved a u-value of less than 0.30 W/m²K. The insulation boards were fixed back to a combination of blockwork and steel framed structure (SFS). It was vital, due to the scale of the project, to complete the system with a durable façade that would reflect the monumental design aspirations set out at conception.

Wetherby's 'real' clay brick slips are fired in the same way as traditional clay bricks meaning a project of this size could benefit from a genuine brick finish without

compromising the design. Choosing a brick slip façade significantly reduced cost and installation time when compared to a traditional brick finish. With strict deadlines met the school was ready to welcome students and teachers back ahead of the new school term.

The biggest challenge to all involved was the "high profile" status of the project. It was the largest brick building on the island and visitor interest was immense.

Utilising Wetherby's white, smooth brick slips, the aesthetic appearance of this building is superb and indeed worthy of commendation. It is now a very desirable place to teach and learn in. Staff and pupils are delighted with the results and arrive each morning to a building that makes them feel there are no limits on achievement. Future generations can also be assured of the best possible experience and opportunities.



Headteacher, Sarah said "The new Les Quennevais School is truly a school for the future. It will inspire and drive the ambition of a whole new generation and transform the experiences of our staff and students."

The Cedars Development Glasgow

System Designer: Sto Ltd **Contractor:** Hamilton (BC) Ltd

This residential refurbishment project in Glasgow highlights Sto's ability to provide a fully integrated insulation and render solution for use on major projects. StoTherm Mineral external wall insulation and StoLotusan render were used on three large 1960s apartment blocks located on the Cedars development in the City's Woodside district.

The architect's aim was to target the ultra-low energy Passivhaus EnerPHit standard for refurbished buildings and were keen to specify high-quality insulation and system components. By seeking to improve the thermal performance of the buildings well beyond current UK building standards they were able to reduce space heating demand by as much as 80%, significantly improving comfort for the occupants and mitigating fuel poverty.

The Sto system features mineral fibre boards which provide highly durable external wall insulation and unrivalled fire protection. Important features, as the architects needed a system which would provide longevity coupled with the appropriate fire performance required for multi-storey buildings.

The Sto system was able to deliver in every area. The efficient single-leaf construction of the StoTherm system allows a building's thermal performance to be significantly improved without reducing the interior spaces, whilst minimising disruption to occupants.

The insulation boards were mechanically and adhesively fixed to the substrate and featured a specific Sto starter-track profile to prevent cold-bridging - ideal for projects where a reliable insulation performance is crucial.

Given the height of the buildings, and to avoid regular cleaning, the choice of the external finish was very important. StoLotusan is the only render with the patented super hydrophobic Lotus-Effect® demonstrating unbeatable water and dirt repellence. The surface of the StoLotusan features a unique microstructure like a lotus leaf. Every time it rains, the rainwater simply rolls off the surface, picking up loose dirt as it goes. This provides excellent protection against the growth of algae and unsightly staining and will allow the Cedar buildings to retain their attractive appearance well into the future.

The aim of this complex project was to transform outdated 1960s properties into high quality, warm and comfortable city homes. Improving the thermal performance using StoTherm Mineral was key to achieving that.

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Architectural Design Award

The Globe Works Birmingham

Winner

System Designer: Alsecco Ltd **Contractor:** WSF Contracts Ltd
Architect: Steve Ritchie Partnership London

The Globe Works is a major student accommodation scheme designed to retain the Victorian brick facades of Birmingham's industrial past whilst being constructed in a modern method of Alsecco's Ecomin 400 brick slip system onto a light gauge steel frame.

Disused warehousing and factories made way for the 520-student development in the heart of the famous Gun Quarter. Designed with more than a nod to its industrial heritage, the scheme comprises five linked blocks ranging from five to ten storeys. A new addition to the evolving skyline of this area, providing much-needed student accommodation.

Alsecco's involvement in the scheme coincided with the introduction of the Steve Ritchie Partnership into what was becoming a difficult scheme to make viable. With a design that provided for a simple gridded brick façade, Alsecco's ability to provide a robust EWI system to carry clay brick slips and ceramic tiles, whilst meeting all the fire and wind-loading requirements, helped get the scheme 'over the line'. With a tight footprint and critical building programme, Alsecco were able to demonstrate that by utilising a brick-clad EWI system alongside the SFS and Fusion panels offered significant cost and time savings over the life of the project, welcomed by the whole team. It also gave Specialist installer, WSF Contracts Ltd, the opportunity to demonstrate their competence in installing Alsecco systems.

With good advice coupled with a range of thicknesses of high-density mineral wool, Alsecco were able to offer solutions for brick panel recesses and areas of relief, at a fraction of the cost / time when compared with traditional brick. This simple design principle was well received by the design and construction teams which culminated in circa 7,000 m² of Ecomin 400 system.

The scheme utilises 2 specialist 15mm brick types – smooth weathered red and a deeper red wire-cut with a natural mortar colour employed throughout. The use of these slips resulted in a 20% masonry mass reduction when compared to traditional brickwork. Ecomin 400 being able to offer a ceramic option meant the original metal panels in the window recesses were replaced with large format green glazed ceramic slips beautifully complementing the brick red elevations. With such a varied landscape in this developing part of the City, the retention of the brick-faced elevations, provides a strong template for the vernacular of this area for future development.

Given the late construction changes and adaptations to accommodate signage brackets, lighting, etc makes the finished system, installed to a high quality by WSF Contracts Ltd, even more impressive. It is indeed a superb example of brick slip construction; from the clean-cut lines and coursing, to the accurately struck mortar joints and pleasant blending of the brindled colours.

To anyone observing the finished scheme it is indistinguishable from a traditional brick façade, demonstrating the versatility of Ecomin 400 system. With EWI usually associated with rendered finishes, a scheme of this scale allows specifiers and developers to appreciate how EWI can offer the benefits of modern construction whilst retaining an authentic masonry finish.

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Architectural Design Award

Highly Commended

Transmission House Manchester

System Designer: Alsecco Ltd

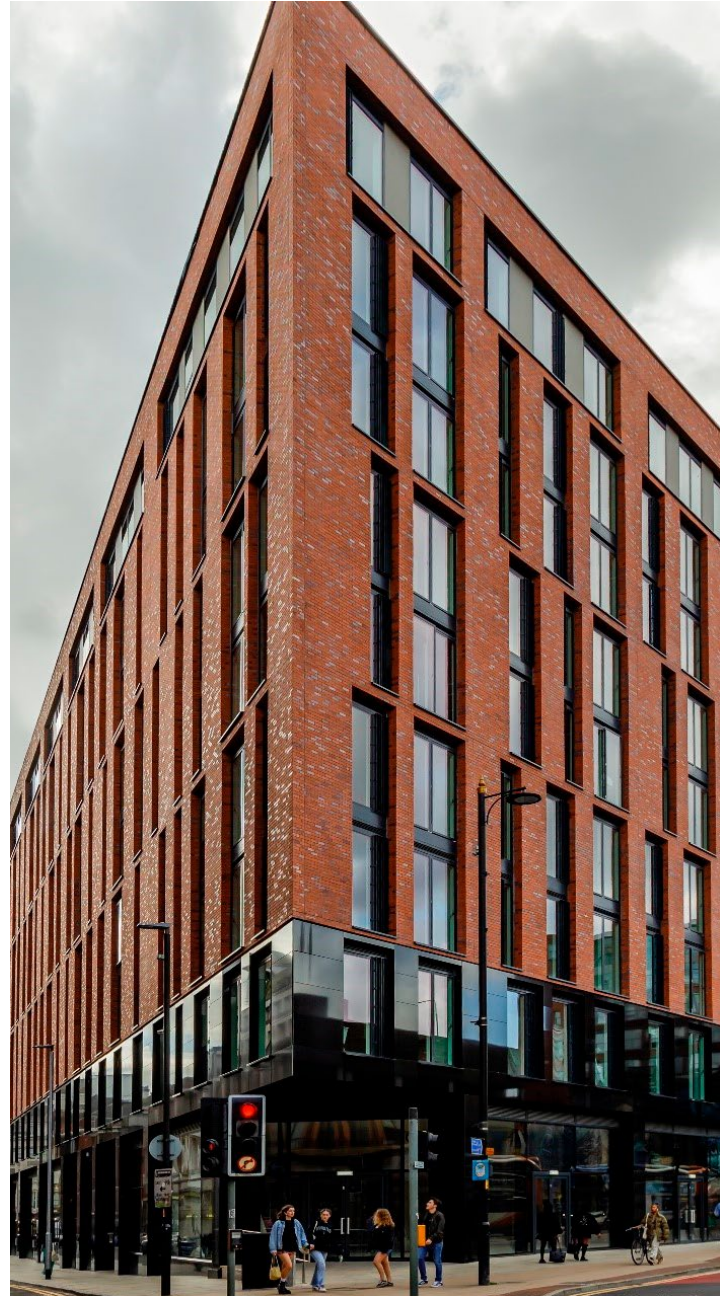
Contractor: Quality Fast Facades

Architect: IDP Architects Manchester

Transmission House, a truly prestigious new 10-storey residential apartment in the heart of Manchester's M1 postal area, housing 183 apartments and several up-market retailers. Completed using Alsecco's Ecomin 400 EWI system with clay brick slips.

Commissioned to design the Tib Street development, IDP Architects, whose office overlooks the scheme, faced the challenge to fit the building into an unusual point shaped building plot. Design criteria to emulate neighbouring buildings, a brick finish replaced the originally designed large format stone panels. Alsecco were invited to demonstrate the Ecomin 400 system with purpose-made clay brick slips to replicate the old Accrington Nori; a brick used extensively on buildings in central Manchester, including The Hacienda. This in mind Alsecco took the architects to their brick slip factory in Germany to decide on colours and texture. They finally agreed on a unique 40:40:20 mix which the planners approved. Critical in the design process was the sharp 54° corner of the building due to the road junction being awarded special planning status as an iconic meeting point within the Northern Quarter. Planning conditions dictated that at this junction the brick finish had to be formed in 1-piece slips; cut and bond options would not be entertained. A hugely critical meeting culminated in the brick slip manufacturer agreeing to produce single piece corners – literally the sharpest corners they could feasibly make; a first for their production line.

In summary, this scheme, sensitively constructed on a disused piece of land in the very heart of Manchester demonstrates the true versatility of an EWI system which, to the casual observer, could easily be mistaken for a traditionally brick-built building.



We chose to sponsor this award as we want to retain a spotlight on the way in which external wall insulation can be used as an exciting, versatile façade in new build construction, in large high rise housing developments, or individual grand designs for one off unique properties. It provides the architect with an infinite range of colours and a light-weight, cost effective way of producing brick finishes that have significant technical advantages over traditional brick.

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New Build Award

Burlington Square Manchester

Winner

System Designer: Dryvit UK Ltd **Contractor:** Complete Walls Solutions Ltd
Architect: IDP Manchester

Located in the heart of 'Corridor Manchester' – an innovation district south of Manchester City Centre in the UK's most dynamic city. Burlington Square is a new, high quality residential development delivered by the successful joint venture partnership between Salboy and Factory Estates, one of Manchester's most active developers.

The development comprising of 273 apartments over 9 storeys, with ground floor communal facilities, commercial units and rooftop communal areas was successfully delivered by main contractor Domis Construction.

The original and simple brief from the project team was to identify a cost-effective alternative to the specified heavy and energy intensive reconstituted stone string courses.

Dryvit and specialist installer Complete Wall Solutions worked closely with Architects IDP Manchester, Structural Engineer Renaissance and the design team at Domis, to choose a system specification to meet the requirements set out by Building Control, the Insurer and the Client. Building Control and the Insurer stipulated that as the building was over 18m in height the cladding system had to satisfy their stringent requirements for fire performance.

Dryvit's ACR 200 Render System with Stone Mist Speciality Finish was the chosen system solution. When tested to EN 13501-1 it achieves A2 s1 d0 when installed over blockwork and A2 render carrier board, satisfying the criteria for buildings over 18m in height.

Dryvit Stone Mist finish was approved by the planner as an alternative to reconstituted stone which was heavy and energy intensive to find, produce, transport and install. Stone Mist was selected to emulate the look of stone but provide a lightweight solution that provided substantial cost savings to the client and still meet the strict Manchester City Centre Planning Requirements.

Stone Mist is a new innovative speciality finish that accents the environment in subtle tones and enhances the façade. Special aggregates pick up the natural sunlight reflecting the glitter and beauty of only the rarest of stones.

INCA installer member Complete Wall Solutions invested time in ensuring that all operatives working on the project were trained in the application of the Dryvit ACR 200 system to ensure that it was installed in accordance with the Dryvit specification. Complete Wall Solutions worked closely with Dryvit and the design team to ensure that all detailing issues on the project were addressed. The quality of workmanship and attention to detail delivered a successful install to this prominent focal building.

Project 3,000 linear meters of ACR 200 System installed.
U Value - 0.13 W/m²k

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Transmission House Manchester

System Designer: Alsecco Ltd **Contractor:** Quality Fast Facades
Architect: IDP Architects Manchester

Marketed as being 'the location' for those wishing to reside in the centre of Manchester's vibrant Northern Quarter, is a prestigious new 10-storey residential apartment, housing 183 apartments and several high-end retail units. Formerly known as SYNQ, it went through an extremely rigorous planning approval process due to being situated on one of Manchester's most iconic junctions. Surrounded by many of Manchester's greatly loved red brick buildings, local planners were determined to ensure that the façades reflected the local vernacular. To make way for this large regeneration project the famous Tib Street Horn sculpture, which stood at the junction of Tib Street and Church Street, had to be re-located. Originally located opposite the bohemian Affleck's Palace with its memorable ceramic art depicting famous Mancunians the design of the building sitting on the former site of the statue was always going to be under great scrutiny.

Quality Fast Facades were appointed as installers of the Ecomin 400 system which comprised 100mm high density mineral wool board onto cement particle board/ steel frame. The system was installed from the second to the ninth floor with a random array of windows across elevations that fronted four streets. Alsecco were on hand to provide support including the placement of movement joints. Full system joints to reflect the steel frame plus soft joints for the brick slip layer. Good collaboration allowed key detailing issues to be tackled with minimum fuss. Quality Fast Facades created a superb finish using competent operatives and supervisors. The coursing lines are true, clean consistent mortar joints, corner details, most notably the dramatic 54° corner, are laser sharp. Most impressive though is the blending of the 40:40:20 mix of brindle slips. Designed to be laid in a random fashion to give the appearance of a single mix. Mixing to conceal pattern or appearance of



distinct batches of slips is always challenging but QFF achieved this to perfection. At close quarters there is no evidence of the slips being supplied in different batches.

A view of the finished scheme with Affleck's Palace on one corner and the Unicorn Hotel pub on the opposite corner, shows how well brick slip facades can work alongside traditional brick buildings.

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Refurbishment Award

Stoke Crosswalls – Pilot Stoke on Trent

Winner

System Designer: Structherm Ltd **Contractor:** Westdale Services Limited

In 2019, Structherm partnered Westdale North to refurbish 7 homes of ‘crosswall’ construction in Stoke on Trent.

Crosswall construction was popular in the 1960s and 70s and is unusual in so far as the end gable and separating party walls were built out of traditional block and brick construction whilst the front and rear elevations were typically formed from a timber frame which was then boarded / sheathed using a variety of materials often including plywood or asbestos panelling.

This unusual construction presented its own refurbishment challenge - the gable and party walls were structurally sound but the front and rear elevations were flimsy timber frame infill panels that move excessively under lateral wind loads and suffer from significant air leakage.

For this reason, Structherm specified their unique hybrid EWI system. This included structural EWI panels to help stiffen and stabilise the weaker front and rear elevations, and a standard EWI system for the gable walls. As both

types of panel required consideration the Structherm design team had to create 2 specifications and 2 sets of U value calculations as shown below.

The client was also concerned about the aesthetics of the properties. The black and orange panels, and faded brickwork were very dated and crying out for modernisation. Westdale North looked at the type of bricks originally used and were able to accurately replicate the style using an ArtBrick resin finish. This brought colour back to the brick work and evened out the discolouration on the apex of the gable walls. To brighten the front and add contrast to the brick, a cream render was used for the first floor.

Overall, overall Structherm felt this project has rejuvenated the street and added value to the properties. The updated finish was well received by the residents, whilst the ensuing winter months revealed the new warmth, air tightness and energy efficiency of the homes.

Wall	Insulation	Existing U Value W/m ² K	Post-installation U Value W/m ² K
Front & Rear	Structural Enhanced EPS	2.61	0.28
Gable Walls	Enhanced EPS	1.38	0.29

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Building with conscience.

Romorantin Place Long Eaton

Contractor: Westville Insulation Ltd **System Designer:** SPS Envirowall Ltd
Client: United Living

SUMMARY OF WORKS - Thermal efficiency works including high-quality External Wall Insulation and Render.

BACKGROUND - Following agreement from Erewash Borough Council, a boarded up and derelict block of bedsits in Long Eaton known as Romorantin Place was completely refurbished. On a joint project with East Midlands Housing Group and United Living, Westville were appointed to carry out the external refurbishment works; to renovate the flats utilising high-quality external wall insulation and render.

WORK CARRIED OUT AND TECHNICAL INFORMATION

- Being derelict and boarded up for several years, the property looked tired and in a poor state of repair. External deterioration had allowed water regression and damp to penetrate the walls causing the buildings to be uninhabitable. Work commenced with Westville utilising SPS Envirowall's Wall System 2. This included 130-180mm mineral wool insulation offering exceptional thermal qualities. The robust nature of the system was ideally suited to this type of refurbishment. It provided the client with a cost-effective solution that will protect the fabric of the building and extend its life way beyond the original design expectations. The selected finish was EnviroSil silicone topcoat with a smooth render finish which provided the customer with a more aesthetically pleasing dwelling. The outstanding self-cleaning and highly water repellent nature of the finish will help the building's façade to maintain its cleanliness for many years.

CHALLENGES – Being one part of a more extensive project, including full internal restoration, Westville were very aware of the joint management responsibilities needed to make this renovation as seamless as possible. Constant meetings were held with all parties involved to ensure that each contractor could work to maximum efficiency.

The programme was extremely complex due to the differences in wall build-ups. A lot of technical expertise was required to achieve the large amount of detailing, shadow lines and colour blending.

PROJECT OUTCOMES AND ACHIEVEMENTS -

Delivered on time, on budget and to a high standard gaining excellent feedback from both the main contractor and residents. Westville's sensitive and coordinated approach to the project ensured minimal disruption to the local community. The improvement works have reduced the heat loss in all the bedsits by providing exceptional thermal performance (U Value of .30) and will, therefore, keep fuel bills to a minimum. As this dwelling was considered an eyesore within the area, the whole community was excited to see the finished results. Residents were kept informed at all stages with an active social media involvement. Upon completion, there were many compliments as to what a difference the renovations had made.

Apprenticeships and training - 2 apprentices worked on this project with excellent guidance from the site manager and the Westville team, providing them with invaluable career experience.

COMMENTS & THANK YOU'S - *"Wow this has made a massive improvement to the area and turned what was an eyesore into something that looks attractive!" "I can't believe the difference this has made. I actually enjoy coming home again."* *"My home feels warm and cosy again, which is something I've not felt for a long time."*

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Refurbishment Award

Shenington Airfield Shenington, Banbury

System Designer: Johnstone's Stormshield / PPG Architectural Coatings UK
Contractor: WSF Contracts Ltd

Shenington Airfield has been completed to a superb standard with excellent thermal efficiency and a highly aesthetically pleasing finish. The project was completed using a BBA Certificated Johnstone's Trade Stormshield Enhanced EPS External Wall Insulation system, with a 1.5mm Silicone Enhanced Finish.

The team working on this project had to deal with several discrepancies in the substrate but overcome this challenge by working with a variety of Enhanced EPS insulation thicknesses, optimizing both the thermal performance and the end aesthetic result. The isolated, exposed location of the project proved challenging, presenting the team with restricted opportunity to complete the work during favourable weather conditions. Given this, they were still able to complete the project to the highest of standards in an efficient timescale.

Highly Commended



The BBA approved external wall insulation system utilising 90mm EPS achieves the buildings thermal U Value requirement with careful consideration to eliminate any condensation risk within the design. The selected finish was Johnstone's Stormshield High Performance 1.5mm Silicone Enhanced Render; colour Latitude. With the benefit of a 30-year life expectancy this newly refurbished building will look good and remain in excellent condition for many years.

This striking domestic property, which has retained many of the features that represent the history of the airfield, is now a useable space, protected and enhanced aesthetically, thanks to the hard work and commitment of the WSF Contracts Ltd team and Johnstone's Trade Stormshield External Wall Insulation System.

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Building with conscience.



Innovation Award

Winner

Saint-Gobain Weber

Product: Weberwall Brick

Weberwall brick is a new fast-fix brick system that is significantly quicker to install than traditional brick slips. The lightweight brick effect product is supplied on mesh sheets in a range of highly realistic finishes.

It is applied directly to insulation with a specially formulated render and pointed in the same way as a standard brick. One wall wrap displays 20 brick faces and weighs the same as one standard brick, reducing the manual handling stresses of the installer on site.

The brick effect wall finish is formulated from 95% natural minerals bound in cross-linked polymers to form a colourfast, frost-resistant surface.

The product comes in three configurations - standard 20 brick wrap, soldier course and corner wrap to accommodate common housing design requirements, minimising the need for cutting and allowing even semi-skilled workers to install the product quickly and accurately.

It is suitable for completing facades on new build housing and ancillary buildings, refurbishing homes or as a factory-applied cladding for volumetric modules or panelised build systems. It can also be used internally.

Brick buildings are a staple in the British housing landscape, with over half of new build homes in the UK having a brick façade and the majority of solid wall / hard-to-treat housing being brick built. As a UK factory-manufactured product that falls into category 6 of the Government's recent MMC definition framework, Weberwall brick allows the popular brick home to be recreated through offsite manufacture.

Available in a range of standard colours to match popular brick styles, others can be matched for large scale projects to meet planning requirements or local design codes.

Weberwall brick allows housebuilders and contractors to achieve a realistic brick finish through quicker and more cost-effective methods than traditional brick slip systems. Compared to traditional brick slip systems, Weberwall brick can be installed over three times faster. To install 2m² of brick slips would take approximately 58 minutes, whereas using Weberwall brick to cover the same area would take approximately 17 minutes, which can be seen in this their lapse video here:

www.youtube.com/watch?v=bUpGCoNM18c&feature=youtu.be

Weberwall brick has already achieved BBA Certification for use on External Wall Insulation (Webertherm XM), BBA life expectancy is 30 years. Suitable for use in buildings over 18m (11m in Scotland) having achieved an A2 Reaction to Fire Classification in accordance with BS EN 13501.



INCA are delighted to present this Award to acknowledge the contribution to EWI made by INCA Component Suppliers. This Award is nominated by our System Designer members.

This year the Award goes to...

Sponsored by:



Component Supplier of the Year Award

Winner

S and B EPS Ltd

System Designers had this to say about S and B EPS:

“Exceptional service and quality, always prepared to go the extra mile.”

“They are a company you can trust.”



S and B EPS Limited

Manufacturers of expanded polystyrene

Component Supplier of the Year Award

Runner Up

EJOT UK Ltd

System Designers had this to say about EJOT:

“A friendly company with communicative people supplying innovative fastening solutions including specialist anchors for fixing insulation on external wall systems.”

EJOT®

Installer of the Year Award

Winner

Westdale Services Ltd

Westdale Services are one of the UK's leading EWI installers and has the proven ability to fully deliver re-generation and EWI on major estates.

"We believe every project we undertake is done to our own very high standards, and it is nice to know that this can help our customers achieve their goals."

Customers Barbara and Ken have this to say about Westdale:

"The quality of the workmanship and dedication to work has overwhelmed my husband and I. When working it was like watching Artists at work; every team that did different works, did it without fuss. Thank you to the professional men and to Westdale, best job we have ever had done in 57 years of marriage, credit to your men."



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External wall insulation

Lambdatherm® (Graphite enhanced EPS)

S and B EPS External wall insulation board is an advanced method of adding thermal value to the outer face of external walls.

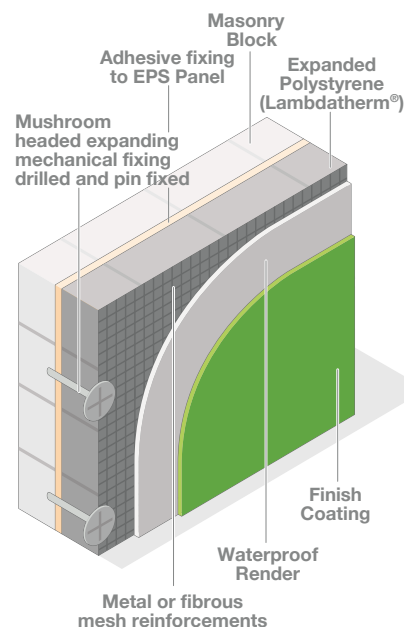
The versatility of **Lambdatherm®** allows you to finish the wall in a number of different ways, giving you the style of building you want with the level of insulation you demand.

Using stringent quality control **Lambdatherm®** is a product you can rely on.



Advantages:

- + The thermal value for **Lambdatherm®** graphite enhanced EPS can reach as low as 0.030w/mK
- + Tested to comply with ETAG 004 All products CE marked
- + Green Guide A+ rating
- + Unique thermal properties EPS is 98% air.



S and B EPS Limited

Manufacturers of expanded polystyrene

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Can be used in conjunction with the Green Homes Grant Scheme

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