

## The future of offsite construction



etex inspiring ways of living



## Remagin offers complete single-source offsite construction solutions, from design to installation

With a unique combination of capabilities, we aim to contribute to shaping the future of sustainable construction and are proud to be the result of the integration of Sigmat, EOS and Horizon, backed by our parent group, Etex.

## Three become one

SIGMAT

HORIZON



Our mission is to transform the way people build and live. We strive to set the standards in our industry, constantly pushing forward to stay one step ahead.

We understand that the world is evolving, and we're excited to introduce Remagin, a game-changing solution that addresses the challenges of traditional construction.

PATRICK BALEMANS

Head of Division, Etex New Ways



## Integrated offsite solutions that perform

At Remagin, we understand that construction projects can be complex and challenging. That's why we're dedicated to delivering innovative solutions that meet the demands of sustainable, high-performance buildings.

To combat the current challenges within the market and offer the next generation of offsite solutions that stand the test of time, we combined our expertise, integrated our capabilities and optimised our approach.

Remagin is uniquely positioned to deliver purposeful performance thanks to its powerful combination of Sigmat, EOS and Horizon, backed by Etex. With a turnover of €3.7 bn and a presence in 45 countries, Etex provides our company with benefits of scale and financial security, giving us the resources and expertise to tackle the challenges faced by traditional construction from the outset. Supported by over 13,500 talented team members, we're able to deliver innovative solutions that are setting a new standard for sustainability and efficiency in the industry.

...transform the

and live.

way people build

With three state-of-the-art manufacturing facilities in the UK & Ireland, we're able to deliver exceptional quality and efficiency on every project.

Our team of technical experts provide guidance in all aspects of light gauge steel frame construction and building sustainability, ensuring your project exceeds your expectations.

Our extensive product range has been developed to meet the unique requirements of each project, from building envelope solutions, to lowrise single-family housing, to mid-rise (up to 15 storeys) residential, commercial, and public sector schemes.

With a turnover of approximately £100 million in the UK & Ireland, we're a financially robust organisation with the resources and expertise to deliver on even the most complex projects. **Remagin forms part** of Etex's existing New Ways division, where all of Etex's product technologies come together to form complete building systems and solutions, rather than standalone products.

#### Our solutions are designed to meet

specific requirements and deliver results that are both technically sound and commercially valuable. With our unique combination of expertise, capabilities, and ambitions, we are committed to achieving purposeful performance, creating real impact and delivering sustainable returns and value.

From start to finish, we work collaboratively with our partners to identify the most valuable and purposeful solutions."

#### SCOTT BIBBY

Country Manager, New Ways UK & Ireland



At the heart of our business is purposeful performance. We're committed to doing things the right way and providing innovative solutions to the challenges facing the industry. Our mission is to exceed market demands and deliver what people truly want. We take a proactive stance on sustainability, balancing people, profit, process and the planet to contribute to a better future for all.



#### PERFORMANCE

We're committed to creating buildings that are both safe and inspiring. By developing factory manufactured systems rather than standalone products, our collective aim is to eliminate uncertainty surrounding specification decisions. Our full-scale testing regimes study the performance of all products within the system - including boards, metals, and insulation - working together to see how they interact in realworld environments like fire, wind, and rain. This ensures that our products are reliable and perform as expected when installed in your project.

We know that every project is unique, which is why we work closely with our clients and construction partners to add value from the outset and achieve the best possible solution. Our technical design team are highly qualified and work in collaboration with designers to establish the most effective and cost-efficient design solutions, complete with all the necessary performance data.

We invest over EUR 30 million annually in R&D and innovation focused on lightweight materials and new construction methods, across our 5 Innovation and Technology Centres. Equipped with our own fire, acoustic, mechanical, structural, and thermal testing facilities, we're able to rigorously test our products to ensure their reliability.

#### ACCREDITATIONS

> BBA > BSI ISO 9001 > BSI ISO 14001 > OHSAS 18001 > SSIP > CHAS > NHBC > Constructionline Gold > UKCA

> BOPAS > CE > NSAI

> SafeTCert > Homebond

Thruwall is an end-to-end external wall solution which has been rigorously tested, certified and assured for real world performance. Supplied in kit form, Thruwall combines the expertise of Etex comprising of Remagin light gauge steel frame and Siniat Weather Defence external sheathing and internal plasterboard - all tested together to provide a completely certified performance solution, and ultimate peace of mind.

Pre-Assembled Frame (PAF) is the next evolution of Thruwall, where the frame, external sheathing board and required insulation (if any) have been pre-assembled in our factory and are supplied to the site in a panelised format. In addition to Thruwall's certified performance benefits and peace of mind. PAF offers customers rapid onsite installation where programmes are challenging, and a higher level of pre-manufactured value (PMV) for public sector schemes.





We take pride in our team of leading experts in light gauge steel construction across Europe. Our inhouse design teams, consisting of building designers and structural engineers, use the latest software to create the most efficient and compliant building superstructures possible. We can render each solution into a 3D, BIM-ready model and virtually test if it's the optimal solution. Whether you have a design in mind or need us to start from scratch, we can work together to design the most efficient and costeffective solution for your project.

# Performance

Remagin is the UK & Irish market leader for full loadbearing, light gauge steel superstructures. We design, manufacture, assemble and install structures from single family homes right up to 15 storey structures. With industry-leading expertise in light gauge steel, our systems have been tried, tested and proven over many years and, as with all of our solutions, come with performance assured so you can specify and build with peace of mind.

From design, to build, to completion. Remagin's integrated building systems provide the smartest end-to-end project solution.

#### **OUR SECTORS**

- > Housing
- > Flats & Apartments
- > Retirement Living
- > Care Homes
- > Hotels
- > Student Accommodation
- > Education
- > Health

#### OUR SOLUTIONS

- EXTERNAL WALL STEEL FRAMING SYSTEMS > Infill systems
- > Oversail systems > Pre-Assembled Frames

#### FULL LOADBEARING LGSF SUPERSTRUCTURES

- > External Walls
- > Internal Walls & Partitions
- > Floors & Ceilings
- > Roofs
- > Other elements,
- e.g. stairs, balconies

Our expertise in Light Gauge Steel Framing allows our solutions to be highly sustainable. LGSF has a high strength-to-weight ratio meaning we consume fewer resources than traditional construction, using materials with a high proportion of recycled content and a high recyclability rate (more than 90% of steel is recovered). As we manufacture our product in controlled conditions, waste is minimised during the manufacturing process.

Our system consolidates several elements into one solution, therefore reducing transport movements to and from the site. The preassembled nature of our designs means we can ensure site waste is virtually eliminated. Finally, with a 20-40% faster build time and fewer operatives required, LGSF offers not only a lower emission solution but also results in a safer, more efficient site.

## **Benefits:**

- > Lightweight
- > High recycled content (59%)
- > High recyclability of steel
- Lower consumption of raw materials
- Low waste generation at manufacturing and site
- Reduced vehicle movements to / from site – lower vehicle emissions

- > Fewer operatives on site
- Safer, more efficient sites
- Speed of construction lower impact on the area
- > High circularity easy to deconstruct/reuse/recycle

At Remagin, we're committed to achieving purposeful performance through 4 strategic pillars: Customers, People, Innovation, and Sustainability. Our customers are at the heart of everything we do. As we launch our new brand, we remain committed to putting our customers first and providing them with the solutions they need to succeed in the challenging market.



#### **CASE STUDY:**

McCarthy Stone, a prominent UK developer of retirement communities, was seeking ways to optimise their site processes and maximise efficiency. With a focus on collaboration and innovation, Etex worked closely with McCarthy Stone to develop a solution: factory-fitted windows that could be installed more quickly and efficiently offsite, resulting in time and cost savings onsite. This partnership not only streamlined operations for McCarthy Stone but also added value to Etex's offer to them. By understanding and addressing the specific needs of our customers, we're able to deliver tailored solutions that help them achieve their goals.

By empowering our people to drive change and fostering a culture of collaboration, we're able to achieve meaningful results and deliver value to our customers. Innovation is inherent in our DNA, and being a part of the Etex group means we have the resources and support we need to drive innovation forward.

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#### CASE STUDY:

In 2022, we reviewed and fundamentally changed our manufacturing operations in Cahir. This project involved collaborating with employees and stakeholders across the business to identify areas for improvement and implement changes, resulting in significant improvements. Building on this success, we're now planning to apply the lessons learned more widely across our business, helping us to improve our processes, reduce costs, and enhance our overall performance. By investing in our people and empowering them to drive change, we're able to achieve meaningful results and deliver value to our customers.



#### CASE STUDY:

External wall solutions traditionally consisted of a number of different components from different manufacturers which were assembled together as a complete solution on site. When trying to judge the full system performance, designers and builders were reliant on assessments and judgements of the individual products alone - not how they performed together as a system. And if anything did go wrong, assessing responsibility and accountability could be difficult. In response to this, and following the Grenfell disaster, we developed our original Thruwall solution – an external wall solution from one manufacturer with components tested together to give certified and warranted performance with regard to fire, acoustics and structural stability, giving our customers peace of mind when specifying.

Our expertise in Light Gauge Steel Framing allows our solutions to be highly sustainable.



#### **CASE STUDY:**

Remagin is fully committed to developing sustainable solutions that meet the demands of the market. We use steel that contains ca. 59% recycled material and is 100% recyclable; much of our light gauge material is already covered by an Environmental Product Declaration (EPD) and we plan to have it all covered by the end of 2023. We use Siniat Weather Defence, also manufactured by Etex, extensively on our external wall solutions providing exceptional levels of air tightness. Coupled with factoryfitted insulation, our products can contribute significantly to reduced levels of energy consumption in buildings. By developing tested and certified integrated solutions, we're not only offering customers peace of mind that our solutions work in real life, but by prioritising sustainability we're also helping them to build in a way that reduces their environmental impact.

"We constantly look for solutions that reduce time on site and they understand that well."

"Highly competent in terms of design and delivery."

"They are robust, which means we are confident about the time to completion and the cost and therefore our margin."

"They have a strong, very experienced, collaborative team."

"Best leadership, best capabilities, best ways of working, best purchasing power, best know-how (technically, commercially, practically)."

#### **OUR CLIENTS**

ABM Adston Ardfoy Artisan BAM Barratt Homes Berkeley Group Cairn Homes CALA Homes CITU Clancy Construction Durkan Equans Graham Construction

Kier McCarthy Stone Morgan Sindall Northstone OBR Places for People Simply UK Wates Willmott Dixon



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At Remagin we understand that construction projects can be complex and challenging, which is why we are dedicated to delivering innovative solutions that address the demands of these sustainable, highperforming buildings. Our solutions are designed to meet your specific requirements and deliver results that are both technically sound and commercially valuable. With our unique combination of expertise, capabilities, and ambitions, we are committed to achieving purposeful performance that creates real impact and value for you. From start to finish, we work collaboratively with you to identify the best solutions that drive results and help you succeed.

#### PATRICK BALEMANS

Head of Division, Etex New Ways

#### REMAGIN

The future of offsite construction

Find out how Remagin can help your next construction project.

#### LEEDS OFFICE

1 Crossland Park Cross Green Way Leeds LS9 OSE

+44 (0)1756 701522

#### NEWTON AYCLIFFE OFFICE

Heighington Lane Aycliffe Industrial Park Newton Aycliffe County Durham DL5 6QG

+44 (0)1325 303030

#### CAHIR OFFICE

Unit A, Cahir Business Park Cahir Co. Tipperary E21 TF89 Ireland

+353 (0)52 7441424

E-MAIL remagin@etexgroup.com

www.remagin.world

