



# **BUILDING THE FUTURE:** IKO'S BLUEPRINT FOR OFFSITE CONSTRUCTION

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Welcome to IKO, where legacy meets innovation in the world of offsite construction. Our extensive range of high-performance roofing and insulation solutions are designed to support engineers and designers in creating efficient, sustainable and cost-effective structures.

Dive in to discover how IKO can help build a better, brighter and more balanced future for offsite construction with our cutting-edge systems and commitment to sustainability.





## ABOUT IKO

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For 140 years, IKO has been at the forefront of roofing, waterproofing and insulation solutions in the UK. As a market leader, we are committed to delivering exceptional products that enhance the performance and longevity of buildings.

By combining our rich heritage with the latest technological advancements, we offer products that not only meet but exceed industry standards. Our mission is to provide our partners with reliable, high-quality materials that support efficient and sustainable construction practices.

## OFFSITE DONE RIGHT

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Offsite construction represents a seismic shift in the building industry, offering a more streamlined approach that improves efficiency and quality. IKO's products are perfectly suited for this method, providing solutions that are easy-to-handle and install.



## MANUFACTURED IN THE UK

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IKO sources raw materials locally and responsibly. By manufacturing our materials in the UK, we significantly reduce transportation emissions compared to overseas shipping. Our UK facilities utilise advanced technology and operate strict quality control measures, ensuring our products meet the highest standards.

### The benefits we deliver to you:

- **Quality assurance:** Direct oversight ensures superior product quality.
- **Efficiency:** Shorter lead times and transparent supply chain processes.
- **Optimised logistics:** Access to nationwide delivery network minimises fuel consumption.
- **Local production:** Close-to-source manufacturing reduces transportation emissions.
- **Technical support:** UK-wide team of experts to offer ongoing technical guidance and project support

## ALL EYES ON ESG AND SBTI

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At IKO, sustainability is more than a responsibility – it's a core part of our identity. We've made significant investments to minimise the environmental impact of our manufacturing processes, focusing on 'reduce, reuse and recycle' initiatives. All our sites now run on renewable electricity and we make every effort to keep waste out of landfills. And we've only just got started.

Guided by our Environmental, Social, and Governance (ESG) principles and our self-set Science-Based Targets (SBTs), we are resolute in our efforts to lower our carbon footprint as well as reduce our clients' climate risks.

### Our sustainability aims include:

- A **42%** reduction in **Scope 1 and 2** emissions by **2030**
- Certifying **70% of suppliers** with SBTi alignment
- Using recycled material for **50% of packaging**
- Ensuring **100%** of raw material suppliers have **decarbonisation plans**



**We are committed to achieving net-zero with a 90% reduction in Scope 1, 2 and 3 emissions by 2050, working closely with our supply chain to create a more sustainable future.**



## MEASURING THE VALUE OF ACCREDITATIONS

At IKO, we are committed to exceeding industry standards through respected accreditations. We are proud to have achieved the **BES 6001 Standard for Responsible Sourcing**, which ensures our products are sourced responsibly, focusing on environmental protection, social equity and economic viability.

Our commitment to quality and sustainability is further demonstrated through our ISO certifications, including **ISO 9001** certification for Quality Management, **ISO 14001** certification for Environmental Management and **ISO 45001** certification for Occupational Health.

### Enhancing our environmental efforts

To further our sustainability initiatives, we are implementing **PAS 2080**, a pioneering standard for managing and reducing carbon in the infrastructure sector. This standard emphasises a consistent and transparent approach to tracking emissions and reducing the carbon footprint of building projects throughout their lifecycle.

**PAS 2080** will be a cornerstone of our efforts to combat climate change, reduce our environmental impact and promote sustainable development. Additionally, we are pursuing **CCPI accreditation** and have **Environmental Product Declarations** for all our systems.



### Supply Chain Sustainability School

As an official partner of the Supply Chain Sustainability School, we aim to inspire more environmentally-conscious and sympathetic operations across the construction industry. Our involvement reflects our commitment to continuous improvement, environmental stewardship and protecting what truly matters to people and the planet.

## **THE IKO ADVANTAGE: UNLOCK TIME AND COST EFFICIENCIES**

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In offsite construction, time and cost efficiency are critical. IKO's products are specifically engineered to deliver significant savings in both areas, without compromising on quality.

Our prefabrication-friendly products seamlessly integrate into offsite units, speeding up construction. What's more, our advanced designs are easy-to-handle ensuring quicker, more efficient on-site installation. Our precise and responsible manufacturing methods significantly reduce material waste and our high-performance materials minimise the need for repairs and maintenance, ensuring substantial long-term cost savings.



## SPOTLIGHT SOLUTION: IKO SPECTRAPLAN

We're excited to announce the launch of IKO Spectraplan, the only UK-manufactured TPE single ply membrane. Combining thermoplastic and elastomeric properties, IKO Spectraplan offers a durable, flexible and environmentally friendly roofing solution that allows for safe, efficient and flame-free applications.

For our offsite clients, we provide the option to purchase rolls measuring between 200m<sup>2</sup> – 1,000m<sup>2</sup>. Buying in bulk can offer your business a number of benefits, including cost savings, lower wastage and zero packaging.



**Sustainability:** Free from harmful chemicals, recyclable and manufactured in the UK with a lower carbon footprint.



**Efficiency:** Achieve high-quality installations up to 50% faster than standard single-ply systems.



**Versatility:** Available in four variations for different applications – from mechanically fixed systems to heavy-duty walkways.



**Durability:** BBA approved, with high UV resistance, exceptional product performance and up to 25 years of guaranteed cover.



**Cost-effectiveness:** Competitively priced to provide excellent value for your investment.

IKO Spectraplan not only provides superior performance but also enhances solar reflectivity and reduces the urban heat island effect, making it an ideal choice for sustainable building projects.

Whether you are looking to prioritise thermal performance with **IKO enertherm** or seeking a versatile, 100% UV stable PVC membrane like **IKO Armourplan P**, we have the solution to meet your offsite construction needs.



## IKO ENERTHERM INSULATION: BOOST ENERGY EFFICIENCY, EFFORTLESSLY

IKO enertherm insulation is designed to deliver superior thermal performance for roofs, floors and walls. Made from 100% CFC, HCFC or HFC-free insulation board with a rigid polyisocyanurate foam core that can help lower heating and cooling costs.

As a result, IKO enertherm can significantly reduce the energy consumption of the building thus lowering CO2 emissions.

With its combination of moisture and mould-resistant properties and dimensional stability, IKO enertherm lasts for the lifetime of the building.



**Top quality, multi-layer facing** - IKO enertherm ALU Insulation boards are finished on both sides with a seven-layer facing that is laminated in a single complex.



**Thermal performance** - IKO enertherm PIR has a thermal conductivity (Lambda/ $\lambda$ -value) of 0.022 W/mK. The low emissivity surface of the reflective foil can help improve U-values in certain constructions when reflecting into a cavity.



**Fire performance** - IKO enertherm ALU has a reaction to Fire Class NPD & F (in accordance with EN 13501-1) and UK Class 1 (in accordance with BS 476 - p7). It also has a low to zero smoke emission rate and does not melt or drip. This fire performance is an inherent part of the foam cell structure.



**Compressive strength** - The compressive strength of IKO enertherm typically exceeds 175 kPa when tested at 10% compression to BS EN 826: 2013 (thermal insulating products for building applications - determination of compression behaviour).



**Durability** - When correctly installed, IKO enertherm has an indefinite life. Its durability depends on the background/supporting structure and conditions of its use.



**Recycled content** - PET bottles are recycled and used throughout the entire IKO enertherm insulation production process.



**Ready-made Plasterboard finish option** - IKO enertherm PB has been specifically created to insulate internal walls with various fixing options such as dot and dab, below truss over timber frame or stud and steel frame

IKO enertherm's lightweight and easy-to-handle panels ensure straightforward installation, making it ideal for a variety of offsite construction applications.



## GET ONBOARD WITH IKO

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IKO's advanced products, technical proficiency and unwavering commitment to sustainability make us a trusted partner in delivering efficient, cost-effective and eco-conscious building solutions.

**Explore the future of offsite roofing and insulation with IKO – where innovation meets excellence.**



## IKO: BUILDING SOLUTIONS FOR A SUSTAINABLE FUTURE

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To book a consultation or learn more about our solutions and services, scan the QR code below or visit our website:  
[ikogroup.co.uk/](https://ikogroup.co.uk/)

