



IKO METATECH

COLD-APPLIED LIQUID
WATERPROOFING SOLUTIONS

IKOGROUP.CO.UK

WE ARE IKO

With more than 140 years of manufacturing experience, IKO designs, manufactures and supports the installation of roofing and waterproofing systems across the UK. Our reputation has been built on consistent product quality, technical expertise and a structured approach to customer support.

We continue to invest in product development, manufacturing capability and the expertise of our teams to ensure our systems meet current industry standards and project requirements. Alongside this, we are committed to responsible manufacturing practices and supporting positive outcomes for our employees, customers and the communities in which we operate.



IKO approved contractors

IKO flexia liquid applied waterproofing systems are installed by contractors and operatives who have completed product induction training at IKO's designated training facilities. This induction combines theoretical instruction with practical assessment to support installer competence and familiarity with the system.

Upon successful completion, each operative is issued with an IKO flexia installer card, confirming that they have undertaken approved training. Installations are carried out in accordance with IKO specifications and are subject to the terms and conditions of the applicable IKO guarantee.



IKO contractor network

In addition to operatives holding an IKO flexia installer card for specific IKO flexia systems, including IKO metatech and IKO hybritech, their company may be listed as an IKO approved contractor.

IKO approved contractors provide installation services across the UK and are required to meet defined accreditation criteria. These criteria include assessment of operative competency, appropriate insurance cover, health and safety procedures, quality management processes and financial standing.

This structured approval process supports consistent standards across the network and provides clients with access to trained installation partners.



On-site assistance and project monitoring

Our technical support team can provide on-site assistance and site visits to support installation in accordance with IKO specifications. Where applicable, this oversight helps confirm that the system is being installed in line with the requirements of the relevant IKO guarantee.



The IKO guarantee

IKO flexia systems are available with a range of guarantees covering the waterproofing system materials and, where applicable, the workmanship of the installing contractor. The type of guarantee and level of cover will vary depending on the system specified and the project application, and are subject to the relevant terms and conditions.

EFFICIENT AND EFFECTIVE WATERPROOFING

Liquid applied waterproofing systems are used across a range of applications, including roofs, walkways, balconies, podiums and car parks. As cold-applied systems, they do not require heat during installation, which can reduce the need for hot works on site.

Depending on the product type and site conditions, liquid resins can typically be applied by brush or roller and, in suitable environments, by spray application. These systems are compatible with a range of common construction substrates, including concrete, metal, timber, plastics, bituminous membranes and certain single ply membranes, subject to appropriate preparation and priming.

When correctly specified and installed, liquid applied systems form a seamless waterproofing layer designed to resist water ingress and provide durability under typical environmental exposure, including weathering and UV exposure. Performance will depend on the system selected, project design and ongoing maintenance.

Selection of the appropriate liquid waterproofing system should take account of project requirements, substrate condition, environmental factors and budget considerations. Early engagement with IKO's technical team can support system selection and specification in line with project needs.



Why use IKO metatech liquid waterproofing?

- ✓ Seamless monolithic membrane with no end laps or side joints
- ✓ Cold application, reducing the need for hot works during installation
- ✓ Suitable for complex detailing and applications with restricted access
- ✓ Compatible with a range of common construction substrates, subject to appropriate preparation
- ✓ Available in a choice of colours and finishes (minimum order quantities may apply)
- ✓ Systems certified by BBA and ETA, where applicable

Scope of application

IKO liquid waterproofing membranes are designed for use across a range of applications, including:

- ✓ Roofs and associated roof details
- ✓ Balconies, terraces and walkways
- ✓ Car park top decks and intermediate decks
- ✓ Special projects, such as wind turbine bases, water basins and ponds

FLAT ROOFS

IKO metatech brings together a range of liquid applied waterproofing systems based on Polymethyl Methacrylate (PMMA) technology. The systems are designed for use across a variety of roofing applications, including uninsulated, warm and inverted roof constructions, subject to project specification and design requirements.

When correctly specified and installed, IKO metatech systems provide a reinforced waterproofing layer intended to help protect the building structure from water ingress.



Why choose IKO metatech?

IKO metatech liquid waterproofing systems offer many benefits, including:

- ✓ Fully reinforced waterproofing
- ✓ A seamless monolithic membrane
- ✓ UV stability
- ✓ Resistance to hydrolysis
- ✓ Suitability for zero fall inverted roof applications, where designed accordingly
- ✓ An application temperature range typically between 5°C and 35°C, subject to site conditions
- ✓ A choice of colours and finishes (minimum order quantities may apply)
- ✓ Compatibility with a range of substrates, including concrete, timber, bituminous membranes, metal and certain plastics, subject to appropriate preparation



BALCONIES, TERRACES, WALKWAYS

Reinforced system for pedestrian applications

IKO metatech systems can be specified for applications subject to regular pedestrian traffic. Where required, an IKO protective wear layer may be incorporated to help protect the waterproofing layer and provide a slip-resistant finish. Final performance will depend on system build-up, specification and maintenance.

Supporting complex detailing

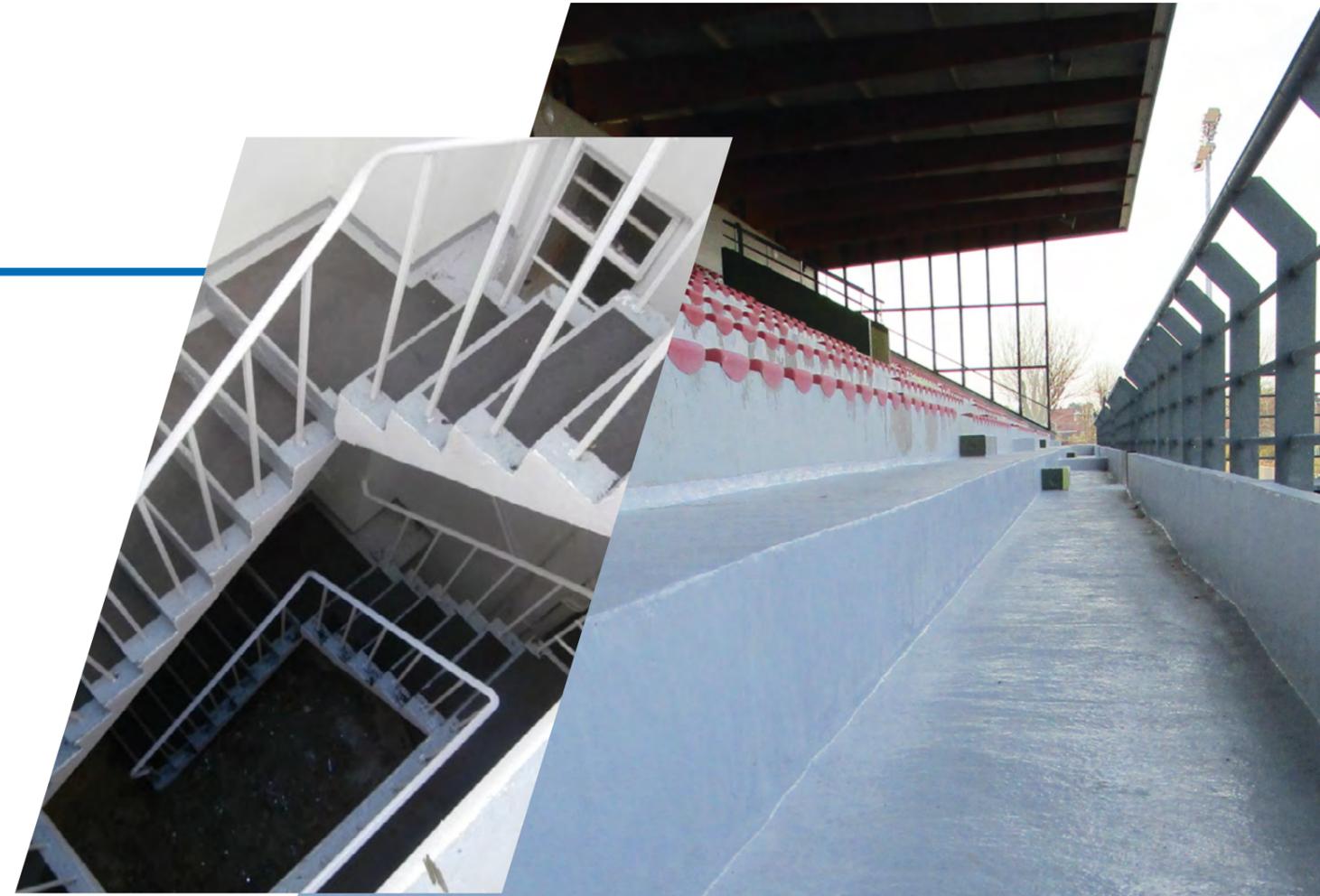
Waterproofing complex details such as upstands, thresholds, penetrations, skylights and balustrades requires careful design and installation. IKO metatech systems are suitable for detailed applications and are supported by a range of compatible ancillary components to assist with system integration and installation in accordance with specification requirements.

Design flexibility

IKO metatech systems are available in a range of finishes, including different colour options and aggregate blends such as quartz and microchips. This enables aesthetic variation where required, subject to project specification and minimum order quantities.

Why specify IKO metatech cold applied liquid waterproofing for balconies and roof terraces?

- ✓ Durability when specified and installed in accordance with project requirements.
- ✓ Fast curing characteristics, subject to system type and site conditions.
- ✓ Flexibility to accommodate typical substrate movement.
- ✓ Resistance to a range of commonly encountered chemicals, depending on system build-up.
- ✓ A seamless waterproofing layer.
- ✓ Low maintenance requirements when maintained in line with recommended guidance.
- ✓ Slip-resistant surface finishes, where a suitable wear layer is specified.
- ✓ A choice of colours and finishes (minimum order quantities may apply)



CAR PARKS

Flexible system build-up

IKO metatech systems are designed for use in multi-storey car park environments, where waterproofing and surface protection are required. In addition to flat roof applications, the systems may be specified for walkways, balconies, car park top decks, intermediate decks and ramps, subject to project design and performance requirements.

When correctly specified, IKO metatech systems are formulated to provide resistance to wear and to commonly encountered contaminants such as de-icing salts and oils, depending on the selected build-up.

IKO metatech systems can integrate waterproofing, protective and traffic-bearing layers within a single build-up. With a nominal installed thickness of approximately 8 mm, the system weight should be considered within the overall structural design, in accordance with project engineering requirements.

Programme considerations

For refurbishment projects, PMMA-based IKO metatech systems offer fast-curing characteristics, subject to product type and site conditions. This can support phased installation and help reduce downtime in operational car park environments. Final performance and service life will depend on specification, installation and maintenance.

Why specify IKO metatech liquid waterproofing for car park top decks, intermediate decks and ramps?

- ✓ A seamless waterproofing membrane
- ✓ A fully reinforced system build-up with a relatively low installed thickness, subject to structural design considerations.
- ✓ Cold-applied installation, reducing the need for hot works.
- ✓ Fast-curing characteristics that can support phased commissioning, depending on product type and site conditions.
- ✓ A range of colour options (minimum order quantities may apply).
- ✓ Wear-resistant markings and zone demarcation, where specified.
- ✓ Slip-resistant finishes, subject to the selected surface system and maintenance schedule.





DEMARCATIION & PERSONALISATION

Supporting wayfinding and demarcation

IKO metatech systems can be specified to create clearly defined, slip-resistant routes, where appropriate surface finishes are incorporated. This can assist with directing authorised personnel, maintenance teams and pedestrians within designated areas.

The system may also be used for zone marking and demarcation in applications such as cycle paths, bridges and forecourts, subject to project specification and performance requirements.

Why specify IKO metatech liquid waterproofing and protection for walkways and roof demarcation?

- ✓ A seamless applied membrane.
- ✓ A reinforced system with flexibility to accommodate typical substrate movement.
- ✓ Customisable surface finishes, subject to project requirements.
- ✓ Cold-applied installation methods.
- ✓ A protective surface layer, where specified.
- ✓ Maintenance requirements aligned with recommended inspection guidance.
- ✓ Suitability for a range of demarcation and walkway applications.
- ✓ Slip-resistant finishes, where an appropriate system build-up is selected
- ✓ A choice of colour finishes (minimum order quantities may apply)

SPECIAL PROJECTS

Specialist applications

IKO metatech cold applied liquid waterproofing systems are suitable for a range of specialist applications, including wind turbine bases, water basins, foundation walls and complex joint details, subject to project specification and design requirements.

The system offers cold-applied installation and fast-curing characteristics, depending on product type and site conditions, which can support efficient project delivery. Its flame-free application reduces the need for hot works during installation and enables the formation of a seamless, monolithic membrane.

IKO metatech systems hold BBA and ETA certification, where applicable, confirming assessment against relevant performance standards.

System suitability and long-term performance will depend on correct specification, installation and maintenance in accordance with IKO guidance.

Why use liquid waterproofing for special projects?

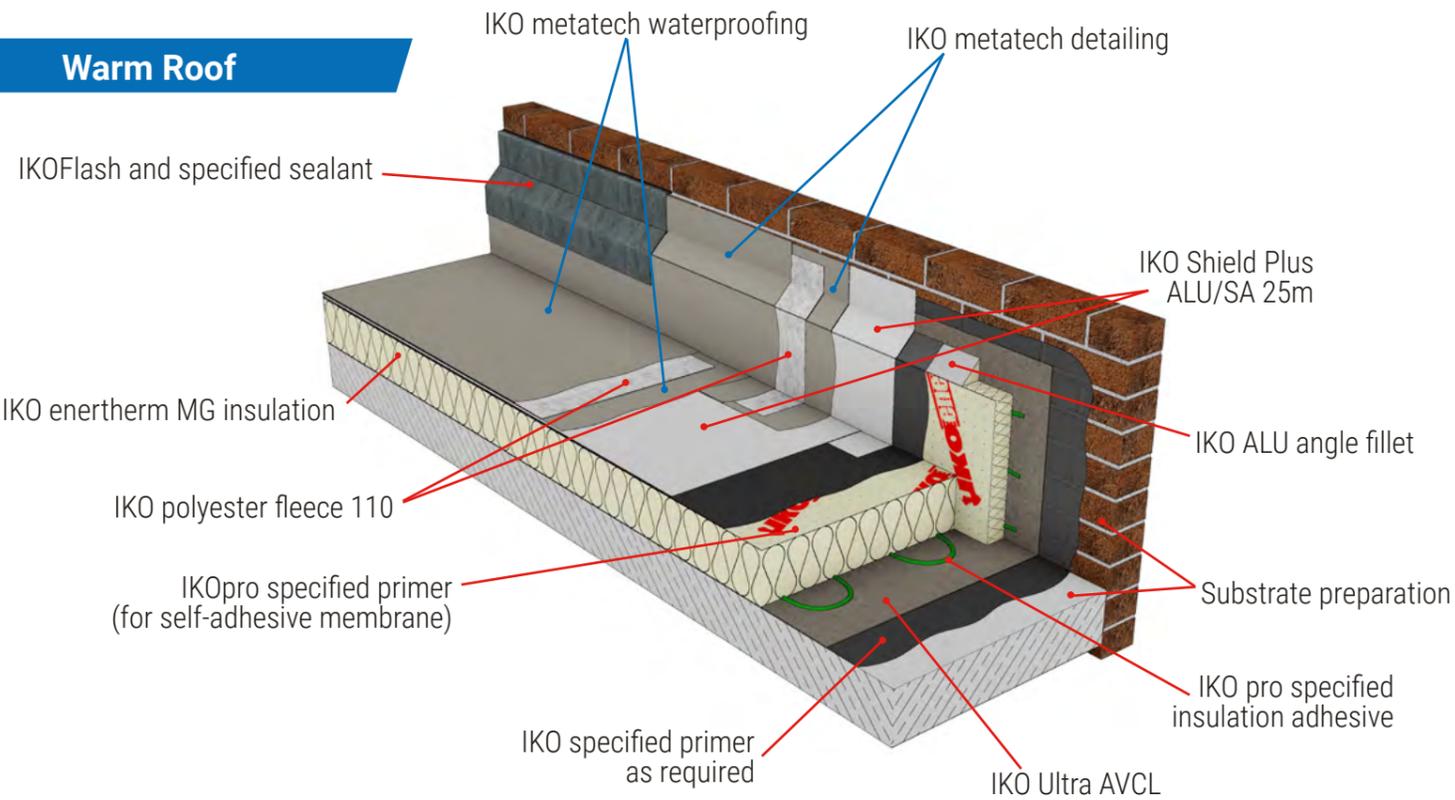
- ✓ Fully reinforced waterproofing system.
- ✓ Seamless applied membrane.
- ✓ Fast application characteristics, subject to product type and site conditions.
- ✓ Crack-bridging capability of up to 2mm, where tested and specified
- ✓ Cold-applied installation, reducing the need for hot works.
- ✓ Suitable for complex or detailed areas, subject to project design.



TYPICAL BUILD-UPS FLAT ROOFS

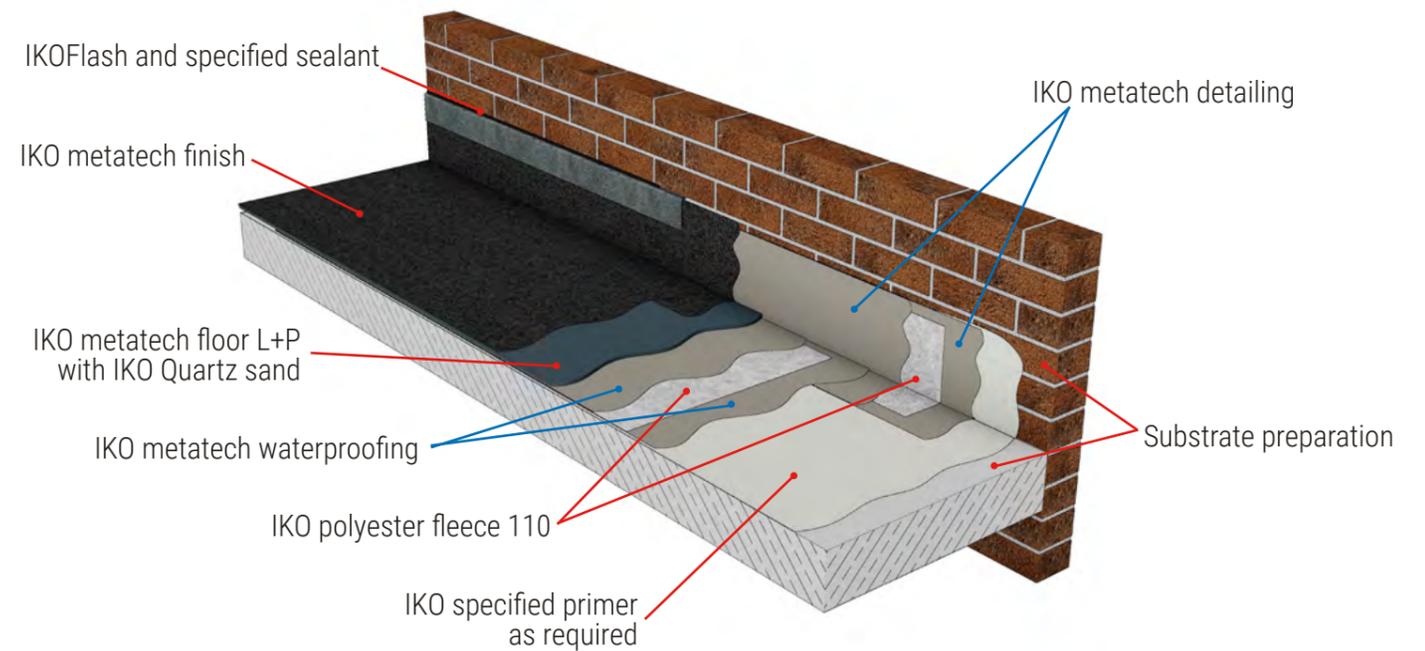


Warm Roof

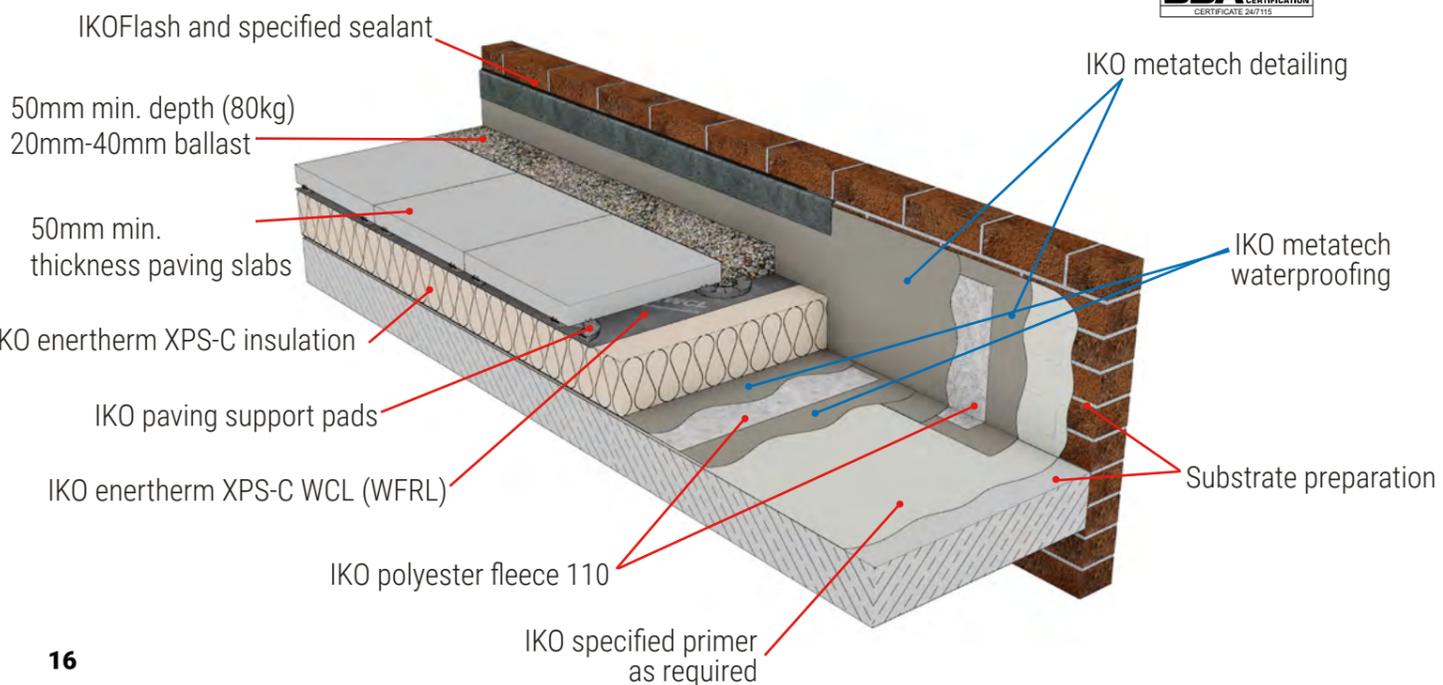


TYPICAL BUILD-UPS BALCONIES, TERRACES & WALKWAYS

Typical Balcony System Finish



Inverted Roof



MAKING IT MATTER

IKO's environmental, social and governance strategy combines clear commitments with measurable action. We have adopted science-based targets aligned with international climate goals, including a 42 percent reduction in Scope 1 and 2 emissions by 2030 against a 2022 baseline, and a net-zero target across Scope 1, 2 and 3 emissions by 2050.

Our focus is on improving energy efficiency, strengthening environmental data transparency and working collaboratively with suppliers to support decarbonisation across the value chain. By embedding ESG principles into how we operate and report, we aim to provide customers and project stakeholders with greater clarity and confidence when specifying our systems.

Beyond environmental performance, our approach also supports employee wellbeing, skills development and community engagement initiatives across our business. Through structured governance, transparent reporting and continuous improvement, we are committed to operating responsibly and contributing positively to the wider construction sector.



APPRENTICESHIPS

IKO operates an apprenticeship programme designed to support skills development within manufacturing and construction-related disciplines. We currently have apprentices across engineering, production and business development, including six who have been completed within the past three years.



TRAINING CENTRES

To support construction skills development, IKO supplies selected products and materials to colleges across the UK to assist with practical roofing training. This forms part of our broader engagement with education providers and skills development initiatives.



WIGAN YOUTH ZONE

IKO is proud to sponsor Wigan Youth Zone, which is one of the largest youth zones in Europe. Our staff also regularly attend open days and events at the centre, educating young members about the manufacturing and construction industries.



SUPPLY CHAIN SUSTAINABILITY SCHOOL

IKO is a member of the Supply Chain Sustainability School. Through this membership, we engage with industry peers to support knowledge sharing and encourage improved environmental and social practices within the construction supply chain.

BES 6001

Responsible Sourcing
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