



# IKO HYBRITECH

COLD-APPLIED LIQUID  
WATERPROOFING SOLUTIONS

[IKOGROUP.CO.UK](http://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 hybritech liquid applied waterproofing systems are installed by contractors who have completed product training at IKO's designated training facility in Clay Cross.

This induction programme combines theoretical instruction with practical assessment to support installer competence and familiarity with the system. Upon successful completion, operatives are issued with an IKO installer card confirming that they have undertaken approved training for the system.

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

Accreditation is awarded to contractors who meet defined IKO approval criteria. These criteria include assessment of installer competency, appropriate insurance cover, health and safety procedures, quality management processes and financial standing.

IKO's network of approved contractors operates across the UK and provides installation services in accordance with IKO system specifications. This structured approval framework supports consistent standards and provides clients with access to trained installation partners.



## On-site assistance and project monitoring

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



## The IKO guarantee

IKO hybritech 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.



## Championing sustainability in construction

As a member of the Supply Chain Sustainability School, we collaborate with industry stakeholders, support knowledge sharing and the development of more environmentally responsible practices within the construction sector.

Through engagement with IKO hybritech systems and the wider IKO network, architects and installers can access information and resources that support informed decision-making and the implementation of recognised best practice in project delivery.

# COLD APPLIED LIQUID WATERPROOFING

IKO hybritech is a cold applied liquid waterproofing system based on single-component hybrid polymer technology. IKO hybritech is solvent-free and isocyanate-free, and is reinforced with IKO Polyester Fleece 110 as part of the system build-up.

IKO hybritech can be applied using a wet-on-wet process, helping to support installation on projects. Its liquid application method also makes it well suited to detailing around complex roof geometries, penetrations and junctions.

The British Board of Agrément has issued BBA Certificate No. 24/7122 for the IKO hybritech Waterproofing System. In the certificate, the system is assessed as a waterproofing system for exposed new and existing flat roofs, protected zero fall roofs, and inverted roof specifications, with limited access, when installed, used and maintained in accordance with the certificate.

IKO hybritech forms a seamless waterproofing layer across the treated area, with the liquid application method helping to simplify the treatment of details, upstands and junctions. For complex geometries, IKO hybritech Detail is available for use in conjunction with the reinforcement fleece. As a cold applied system, IKO hybritech does not require heat during installation, which removes the need for hot works on site.

IKO hybritech systems are available with a 20-year guarantee, subject to project type, system specification and installation by an IKO approved contractor, together with compliance with IKO requirements for use and maintenance. Full terms, conditions and levels of cover are provided by IKO for the relevant project.

## Why specify IKO hybritech liquid waterproofing?

- ✓ A seamless waterproofing membrane.
- ✓ Cold-applied installation, reducing the need for hot works.
- ✓ Wet-on-wet application characteristics that can support efficient installation, subject to site conditions.
- ✓ A solvent-free and low-odour formulation.
- ✓ An isocyanate-free system.
- ✓ Suitability for detailed and complex areas, subject to project design.
- ✓ Compatibility with IKO enertherm insulation when used in conjunction with appropriate preparation membranes
- ✓ An application air temperature range typically between +5°C and +35°C, subject to site conditions



## Scope of application

- ✓ Flat roofs
- ✓ Inverted roofs

Looking for waterproofing systems for walkways, balconies, podiums and car parks? For more details, check out [IKO metatech](#) systems on our website.

## Materials used

IKO hybritech features a solvent-free, isocyanate-free and low-odour formulation. The absence of added solvents and isocyanates can reduce volatile emissions during application when compared with solvent-based systems. Environmental impact will depend on correct specification, installation practices and lifecycle management.

## Energy efficiency

IKO hybritech can be incorporated within roof build-ups designed to accommodate solar photovoltaic installations, subject to project-specific design, structural assessment, waterproofing detail design and the requirements of the photovoltaic system manufacturer.

IKO hybritech can also be used with IKO enertherm insulation within an appropriately specified roof build-up, including the relevant preparation layers where required. The thermal performance of the roof will depend on the complete system design, insulation type and thickness, installation quality and the building's operational use.

## Cold-applied installation

IKO hybritech is a cold-applied system and does not require heat during installation, which can help reduce the need for hot works on site. Installation-related energy use and emissions will vary depending on project conditions, access, programme and site working practices.

IKO's wider approach to ESG includes ongoing review of its operations, manufacturing processes and supply chain practices as part of its broader sustainability commitments. Environmental impact is influenced by a range of factors, including material inputs, production methods, packaging, transport and project-specific installation conditions.

## Durability in service

When correctly specified, installed, used and maintained, IKO hybritech is designed to provide a waterproofing layer for the applications covered by the relevant IKO specification and certification. In-service performance will depend on factors including the roof build-up, substrate condition, detailing, installation quality, exposure and ongoing maintenance.

Lifecycle considerations, including inspection, maintenance, repair and any future replacement planning, should be assessed as part of the overall roof design and the building owner's asset management strategy.



# FLAT & INVERTED ROOFS

IKO hybritech is a cold-applied liquid waterproofing system that does not require heat during installation, reducing the need for hot works on site. Suitability for specific project environments should be assessed as part of the overall specification and risk management process.

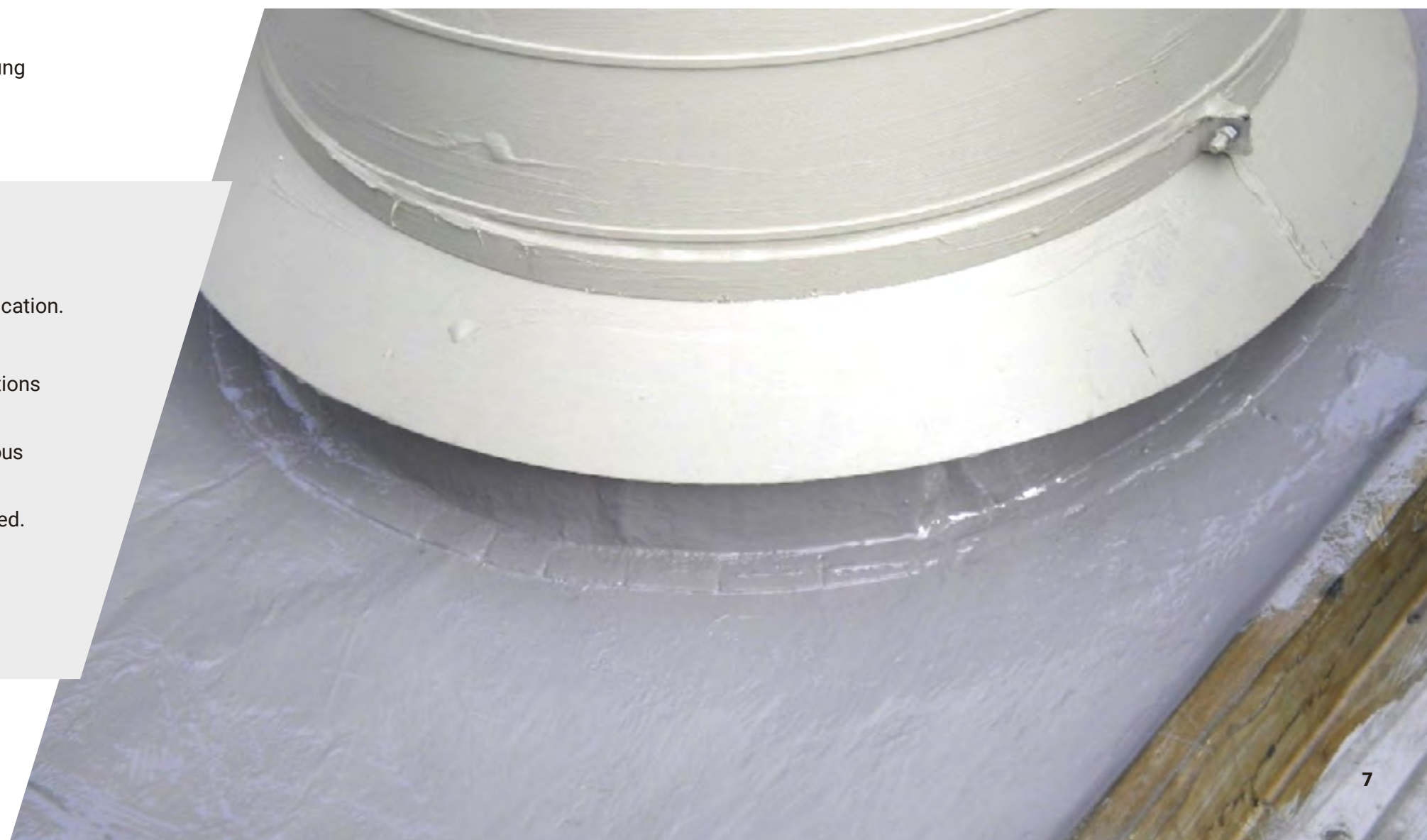
The hybrid polymer formulation enables application to complex details and roof geometries, supporting the formation of a seamless waterproofing layer when installed in accordance with IKO specifications.

IKO hybritech can be specified for inverted roof applications, subject to project design and build-up requirements. Its single-component and wet-on-wet application characteristics may support efficient installation, depending on site conditions and programme planning.

When correctly specified and installed, IKO hybritech forms a seamless waterproofing membrane suitable for detailed areas, including intricate junctions and changes in direction.

## Benefits:

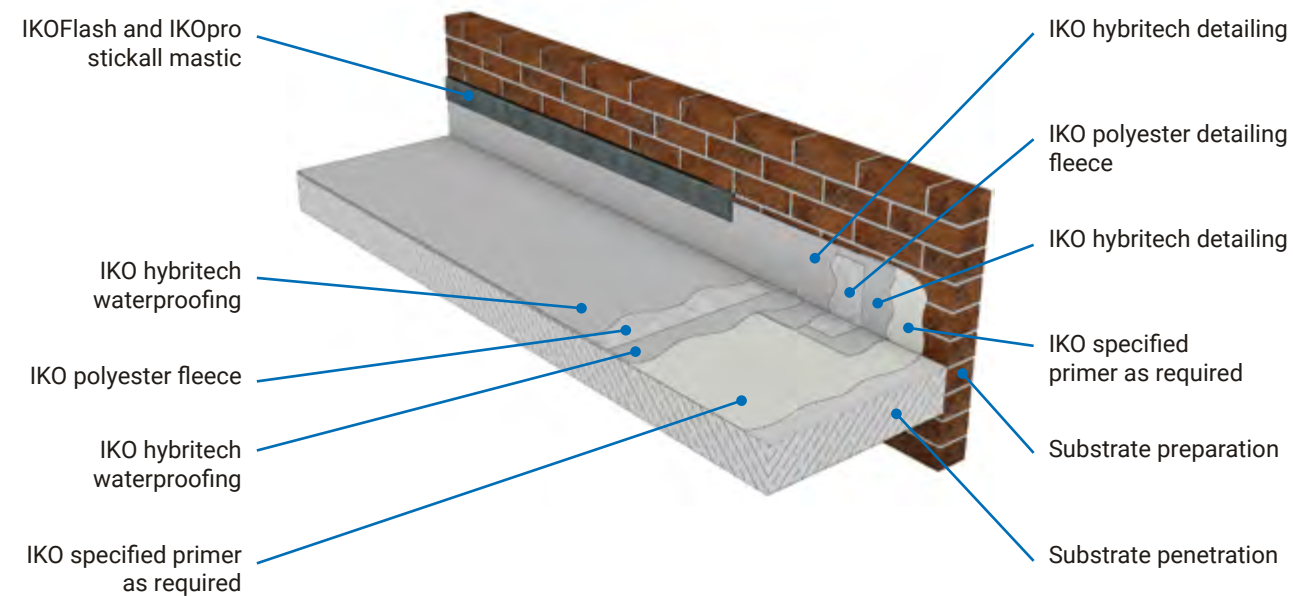
- ✓ Fully reinforced waterproofing system.
- ✓ Seamless monolithic membrane when installed in accordance with IKO specification.
- ✓ UV stability, subject to system build-up and exposure conditions.
- ✓ Typical air temperature application range: +5°C to +35°C, subject to site conditions and IKO application guidance
- ✓ Compatible with a range of substrates including concrete, timber, certain bituminous membranes, metal and selected plastics, subject to appropriate preparation.
- ✓ Designed to provide durability when correctly specified, installed and maintained.
- ✓ Cold-applied system, reducing the need for hot works.



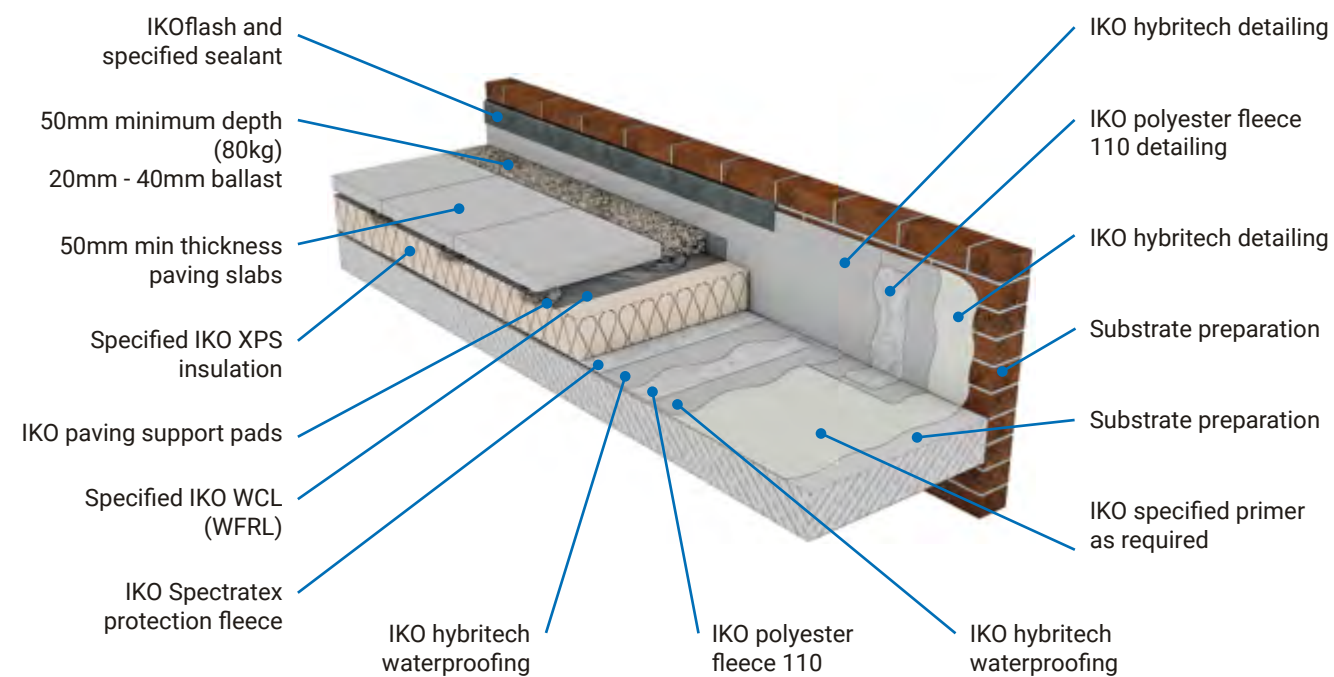


# TYPICAL BUILD-UPS

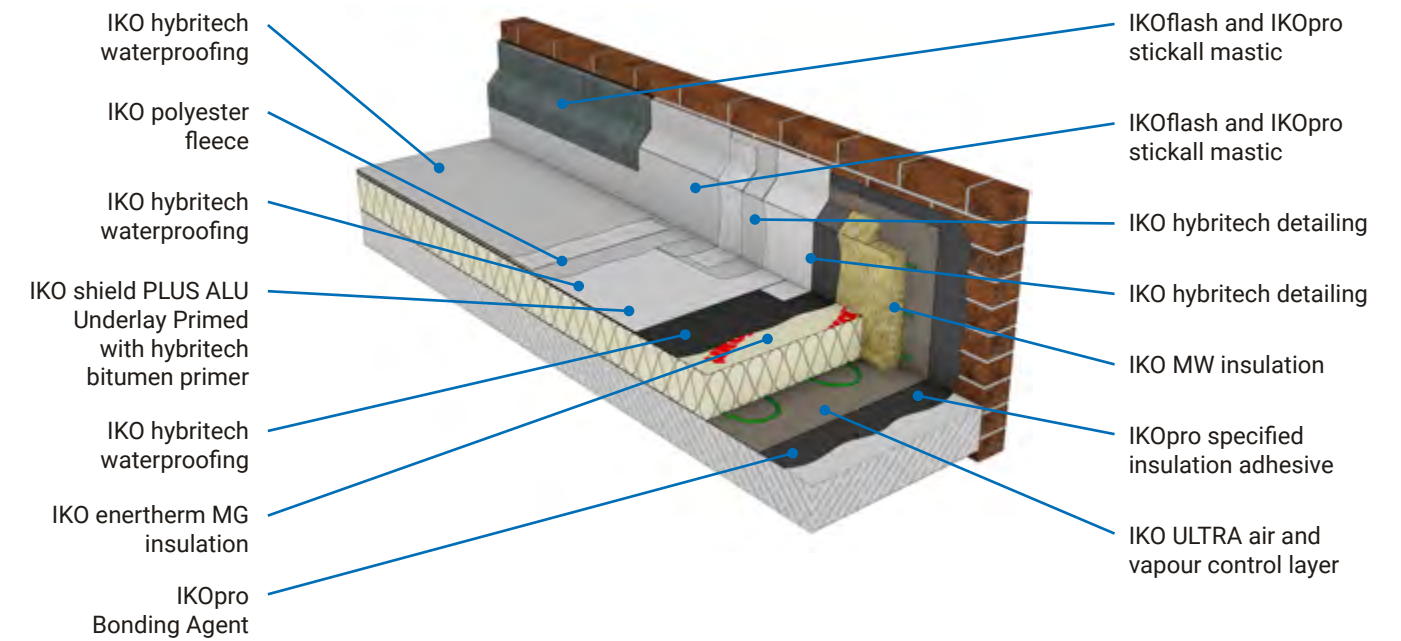
## IKO hybritech uninsulated roof



## IKO hybritech inverted roof



## IKO hybritech warm roof with MG and MW insulation





# HOW TO MAINTAIN AN IKO HYBRITECH WATERPROOFING SYSTEM

To ensure optimal lifespan, proper usage and regular maintenance are essential. Follow these guidelines to protect and preserve the integrity of your waterproofing solution.



## Conditions for service life

To support long-term performance, the following should be considered:

- **Drainage:** Roofs should be maintained to avoid prolonged ponding water. Effective drainage helps limit extended water exposure on the waterproofing surface.
- **Maintenance:** The roof should be inspected and maintained in accordance with applicable regulations and IKO maintenance guidance. Regular inspection supports continued system performance.
- **Intended use:** The waterproofing system should be used in line with its specified application and design purpose. Unauthorised alterations or misuse may affect performance and guarantee cover.



## Maintenance recommendations

Maintenance should commence following installation and form part of the building's ongoing asset management plan. Inspections should be undertaken by a competent person at appropriate intervals, typically twice per year, such as in spring and autumn. Recommended maintenance activities include:

- **Drainage system:** Rainwater outlets, gutters and drainage components should be kept clear to support effective water run-off.
- **Vegetation removal:** Algae, moss and other organic growth should be removed where present to limit surface contamination.
- **Leaf clearance:** Accumulated leaves and debris should be cleared, particularly following autumn periods, to reduce the risk of blockages.
- **Detail inspections:** Flashings, joints, outlets, plinths, gutters and associated components should be inspected and maintained in line with system requirements.
- **Repair:** Any damage or defects identified during inspection should be assessed and rectified in accordance with IKO guidance to maintain system performance and preserve guarantee conditions.

Access to the roof should be limited to competent persons with appropriate training and experience.

Any remedial works should be carried out by professionals experienced in roofing systems and, where applicable, trained in the installation and repair of IKO hybritech systems.



## Usage advice

- **No surface modifications:** Do not attach items directly to the waterproofing surface.
- **Consult before changes:** Always seek advice from an IKO specialist before making any alterations to the system.

By adhering to these maintenance practices and usage guidelines, the life span of a IKO hybritech waterproofing system can be extended, ensuring lasting protection and peace of mind.

## Technical support through your project

IKO provides technical support across all stages of a project, from initial specification through to installation and completion. Our technical team offers guidance to support correct system selection and installation in accordance with IKO specifications.

Support is available for site inspections and on-site visits, where required. We aim to respond to technical queries in a timely manner to assist with project planning and delivery.

For technical support at any stage of your project, please contact your local IKO area business manager or the IKO technical support team on 01257 256864 or at [technical.ab@iko.com](mailto:technical.ab@iko.com).

# PROTECTING WHAT MATTERS

At IKO, our focus is on delivering roofing and waterproofing systems that meet relevant industry standards and project requirements. Through ongoing product development and technical review, we aim to maintain consistent performance, durability and reliability across our systems.

We have adopted science-based targets aligned with international climate goals and continue to implement measures to improve energy efficiency and reduce greenhouse gas emissions across our operations. Progress against these commitments is monitored and reported through our published ESG disclosures.

Alongside environmental initiatives, we support skills development and community engagement through apprenticeship programmes, partnerships and local outreach activities. These initiatives form part of our broader approach to responsible business practice and long-term sector development.



Explore our ESG initiatives and discover how we are advancing environmental responsibility in the roofing 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.



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