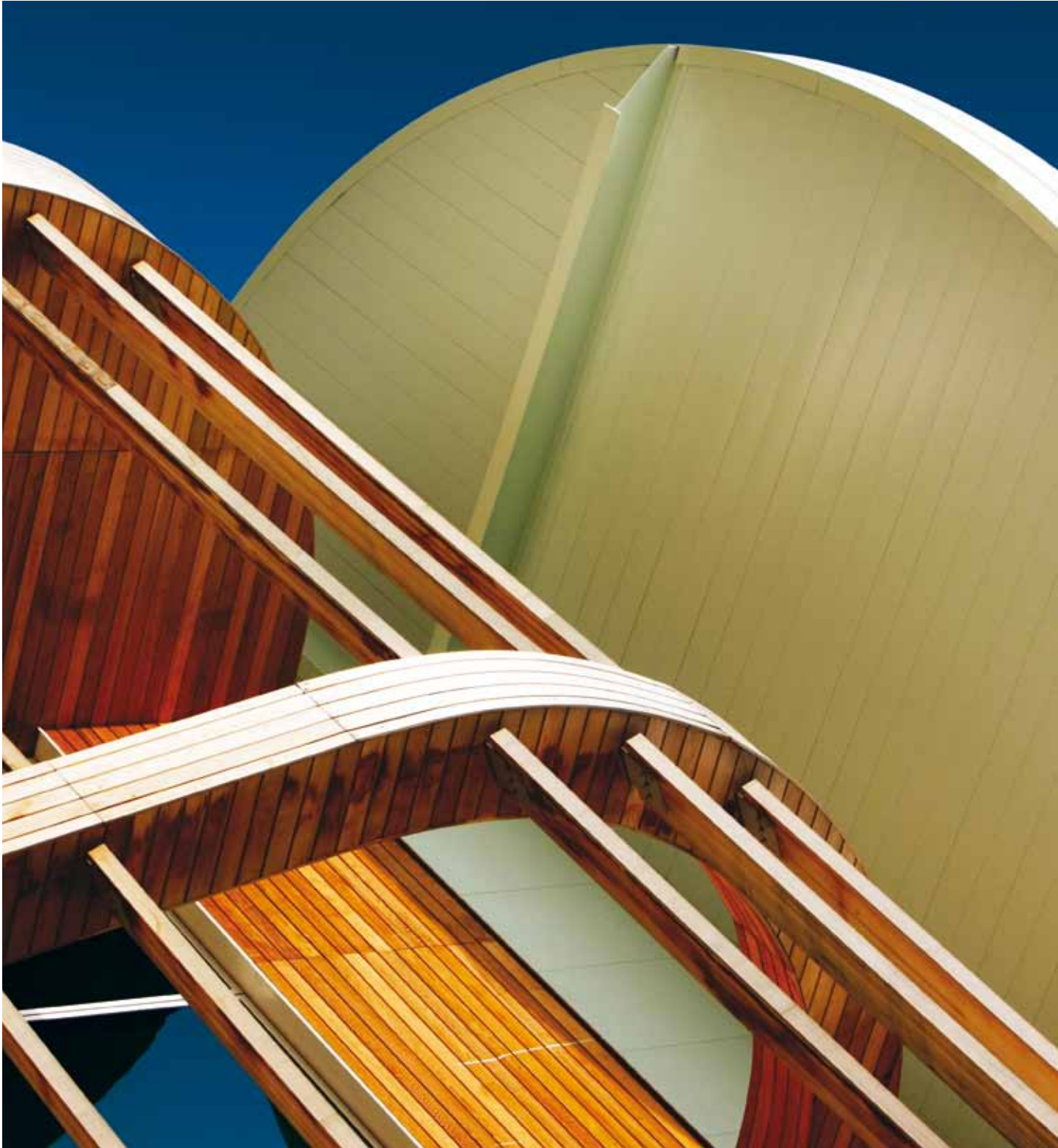




Envelope **Solutions**



Envelope Solutions

FK Envelope Solutions can handle your entire external envelope, from conception to completion, giving you the simplicity of a single point of contact through the complexity of your build.

An experienced specialist, we provide complete solutions for external building envelopes of any kind. With over 30 years' experience, we can coordinate every aspect of the project, ensuring a seamless build, to excellent standards.

As well as our own experienced, motivated and enthusiastic teams, we've built up a trusted network of suppliers and sub-contractors. Which means we can project manage the entire process for you, selecting the most appropriate partners for each specific solution, giving you just one point of contact throughout the build.

We're experienced in using all forms of cladding and roofing systems and our extensive and varied portfolio of projects includes new build and refurbishments across the UK for clients in all sectors, including industrial, commercial, education, leisure, residential, healthcare.

We've built a reputation as a premier provider and we're considered one of the UK's leading specialists in our industry. We're proactive, progressive and innovative, whatever the project, whatever the service. We appreciate our clients and enjoy helping you to achieve your own vision. And, as well as being professional and competent, you'll find us honest, hardworking.

What's more, as we're part of the FK Group, we can support your build with other key services, from maintenance to renewable energy and controlled environments, offering the same quality and reliability throughout your build.

Services

When it comes to external building envelopes, our service is comprehensive. We work with clients across various industry sectors on projects of all sizes and budgets.

And we're always at the forefront of change, bringing new technologies to your build and expanding our capabilities in line with your changing requirements to ensure a comprehensive, seamless service.

- New build.
- Refurbishment.
- All forms of roofing and cladding systems, from single ply roofing to composite cladding and roofing systems and rainscreen cladding systems.
- Design.
- Specification advice.
- Budget estimates and cost analysis.
- Project management.
- Supplier and sub-contractor supply chain, selecting trusted partners with relevant experience.

You can rely on FK envelope solutions to coordinate all the related issues on your building envelope including:

- Glazing/Doors/Louvers.
- Syphonic Drainage.
- Fall Arrest Systems.
- Penetrations.
- Paint Repair.
- SFS.
- Welding.

Projects

Hope Hospital

Key achievements:
Working within tight site footprint with limited lay down areas for materials.
Bespoke delivery and packaging strategies.
No disruption to the day-to-day operation of the hospital.

Developer:
Hope Hospital

Specification:
7,000m² Kalzip Roof System.
3,500m² Fatra Membrane Roof System.
Feature Fascias and Soffits.



Projects

B&Q New Malden

Key achievements:
Specifying and installing new technologies including an innovative cladding system.
Efficient management of subcontractors, providing one point of contact.
Logistical planning to allow for a tight site footprint.
Risk assessments and tailored a bespoke health and safety approach.

Developer:
B&Q

Specification:
9,000m² – Twintherm Roofing System.
1,600m² – Twintherm Wall Cladding.
300m² – Trimoterm FTV Composite Wall Cladding.
600m² – Membrane Green Roof System.
2,500m² – North-Lite Technology.



Projects

Chatterley Valley

Key achievements:

Co-ordinating all suppliers and sub-contractors.

Efficient delivery to site.

Completion on time and in budget.

Advice on environmentally friendly products and processes early in the process to achieve the required template.

Developer:

Gazeley Properties UK

Specification:

36,000m² Kingspan Curved Roof Panel.

8,500m² Kingspan Graded.

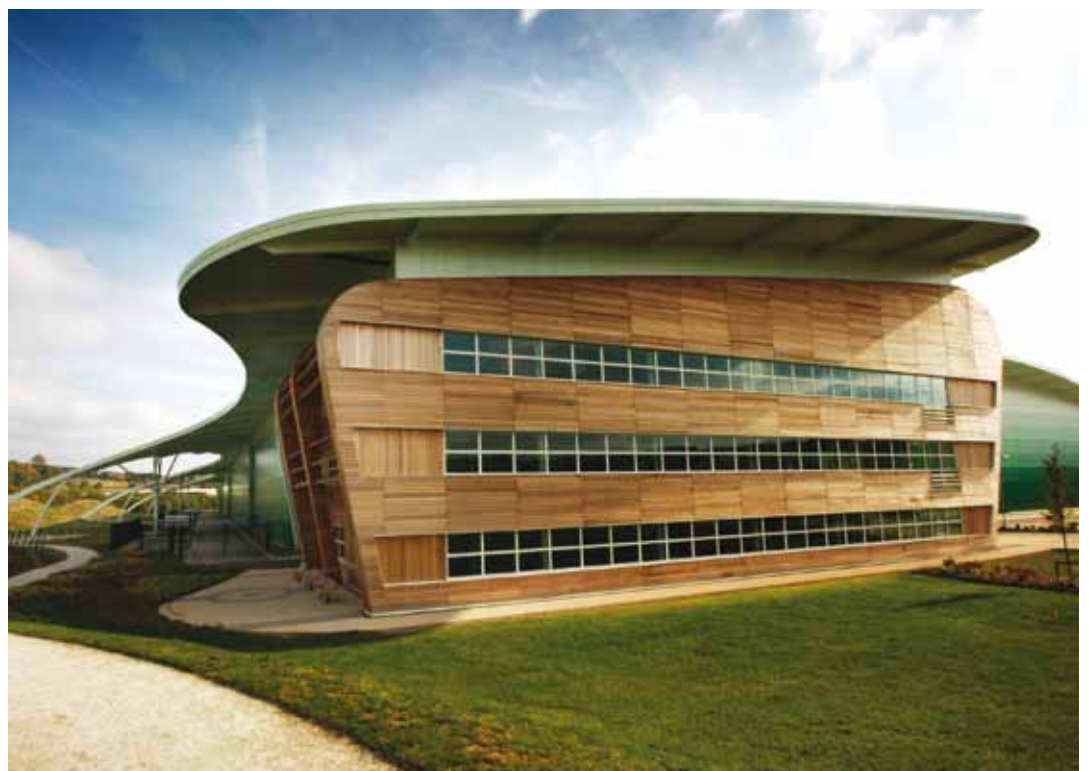
Green Architectural Wall Panel.

600m² Kingspan

Wall-Lite Panel.

2,000m² Kingspan

Energie Panel.



Projects

Wembley Retail Park

Key achievements:
Carrying out work during live trading hours to avoid disruption to businesses.
Stringent Health and Safety procedures to preclude any potential injury during construction.

Developer:
Junction Partnership

Specification:
Promfire ineral Fibre composite panels.
Intricate arrangement of PPC fascia and soffits.
Twin-Therm built up roofing system.
Roof lights.
Single-ply membrane.



Projects

Holloway High School

Key achievements:

Created a bespoke scaffold solution to allow for the tight site footprint, against stringent health and safety standards. Co-ordinated the project so tightly, that we were able to hand over to the client earlier than scheduled.

Developer:

Holloway High School

Specification:

1,000m² of rain screen cladding.

1,000m² of cedar cladding.

1,000m² of architectural wall panels.

100% of wooden pallets returned for reuse or recycle.

Parts supplied in recycled, reusable plastic containers.



Projects

Royal Opera House

Key achievements:

Co-ordinating and managing numerous relevant contractors.
Providing one, reliable point of contact.
Design and interface detailing.

Developer:

Royal Opera House Productions

Specification:

3,000 sq m of boulder felt roofing system for a 63m-barrel vault roof radius.
3,000 sq m sedum green roofing.
3,000 sq m of Kingspan backing panel to all elevations.
3,000 sq m of Thermawood timber rain-screen cladding.



Renewable Energy Controlled Environments Envelope Solutions Maintenance

Are all Divisions of
FK Construction Limited.

For hassle-free, total envelope solutions, just get in touch.

Whether you'd simply like some initial information, or a more in-depth chat about a project, we'd be delighted to hear from you.

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Renewable Energy



Renewable Energy

With tougher climate change legislation and new European directives, more and more businesses are finding that renewable energy is the way to achieve compliance.

FK Renewables specialises in fitting renewable energy sources, such as Photovoltaic (PV) and Solar Thermal Roofing Panels. The benefits include creating your own energy, meeting environmental targets and substantial savings through the Government's Feed In Tariff as you sell surplus energy back to the National Grid.

We can either upgrade existing sites, whether commercial or residential, or work with you as you develop new ones. And we can co-ordinate the whole process, from initial assessment of your existing site or design blueprints and your business aims, to installation and maintenance.

With FK Renewables you'll have the reassurance of dealing with experts with a proven track record and an MCS accredited supply chain. And, as well as all our technical expertise and seamless organisation, we also promise a friendly, dedicated and personal way of working together.

Everything we do helps you operate more cost-effectively and energy-efficiently; making the most of your company assets and helping you save through the Feed In Tariff.

What's more, as we're part of the FK Group, we can support your build with other key services, from envelope solutions to controlled environments, offering the same quality and reliability throughout your build.

Our comprehensive services include:

- Full study, survey and plan.
- Building portfolio review.
- Advice on current legislation, incentives and technologies.
- Design.
- Project management.
- Installation of PV or Solar Thermal Roofing Panels.
- Advice and information on Feed In Tariffs.
- Maintenance, planning and execution.

Projects

Chatterley Valley

Developer:
Gazeley Properties UK

Roof Material System:
Kingspan - KS1000LP.

Support System:
Unistrut Support System.

PV Panel Manufacturer:
Sharp ND-220 panel.

KW/Peak:
30.



G Park Lutterworth - Plot 1500 & 1400

Developer:
Gazeley Properties UK

Roof Material System:
Kingspan - KS1000RW.

Support System:
Unistrut Support System.

PV Panel Manufacturer:
Sharp ND-220 panel.

KW/Peak:
75 & 60.



Projects

Beckton Waterfront

Developer:
Goodman UK Logistics

Roof Material System:
Kingspan - KS1000RW.

Support System:
Unistrut Support System.

PV Panel Manufacturer:
Sharp ND-220 panel.

KW/Peak:
100.



Avesta Corus

Developer:
Gazeley Properties UK

Roof Material System:
Kingspan - KS1000RW.

Support System:
Unistrut Support System.

PV Panel Manufacturer:
Sharp ND-220 panel.

KW/Peak:
50.



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Controlled Environments



Controlled Environments

Temperature controlled and hygiene safe environments, such as food preparation areas, cold stores, clean rooms and firewalls, require a particular understanding.

From advice on specification and design to co-ordination of installation to maintenance, FK have the experience and expertise you need across all parts of the process, providing insulated panel solutions for internal and external walls, roofs and ceilings, as well as modular boxes and firewalls.

And, with a real insight into the specific requirements, challenges and priorities of different sectors, we can make sure our solutions and flexible approach are tailored precisely to each individual project; whether that's a simple standalone facility for a pharmaceutical client, or a complex suite of rooms for a retailer.

Our specialist project teams will liaise with architects and consultants; offering recommendations on the latest materials and innovations and tailoring a bespoke solution.

We'll also co-ordinate the project, managing other suppliers and contractors and providing you with one, dependable point of contact throughout.

Whatever the size of project, we can work with any building construction, from fully exposed external buildings to clad rack buildings to internal installations. We'll also take environmental factors into consideration, to help you meet compliance and company targets.

The result is a top quality, dependable solution that provides the exact facilities you need and that won't let you down.

Maintenance for controlled environments is another of our specialist services. As well as maintaining facilities that we have installed, we also handle maintenance contracts on those fitted by other companies.

Quite simply, whatever the project, we'll get it done; to your unique requirements, your timescale and your budget.

What's more, as we're part of the FK Group, we can support your build with other key services, from envelope solutions to renewable energy, offering the same quality and reliability throughout your build.



Sectors and Services

The industry sectors we work within include:

- Commercial.
- Distribution.
- Education.
- Industrial.
- Leisure.
- Pharmaceutical and healthcare.
- Public buildings.
- Retail.

Our comprehensive controlled environment services include:

- Cold store distribution centres.
- Corrosive process environments.
- Food production areas.
- Internal cold store rooms.
- Internal firewalls.
- Pharmaceutical clean rooms.

Case Studies



GLOBAL RENEWABLES™

Internal Fire Wall

Project:
Waste Recycling Facility, Leyland.

Developer:
W2R Waste Recycling

Contractor:
Global Renewables Ltd

Specification:
Kingspan Eurobox.

Size:
10,000m².



life inspiring ideas

External Fire Rated/Pharmaceutical Clean Room

Project:
TCF Building, Macclesfield.

Developer:
Astra Zeneca

Contractor:
Astra Zeneca

Specification:
Eurobond Rockspan Food Safe.

Size:
5,000m².



Chilled Distribution Centre

Project:
Tesco CDC, Avonmouth, Bristol.

Developer:
Tesco

Contractor:
Tesco

Specification:
Kingspan Cold Store.

Size:
60,000m².



Food Production Facility

Project:
Manchester.

Developer:
The Authentic Food Company

Contractor:
The Authentic Food Company

Specification:
Eurobond Firemaster Panels.

Size:
3,000m².



Corrosive Environment

Project:
Waste Recycling Facility, Thornton.

Developer:
W2R Waste Recycling

Contractor:
Bovis Lend Lease

Specification:
Kingspan Cold Store Panel with a double-sided grade 314 stainless steel liner and top sheet.

Size:
15,000m².



Renewable Energy Controlled Environments Envelope Solutions Maintenance

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To create the right temperature controlled environment in the best possible way, just get in touch.

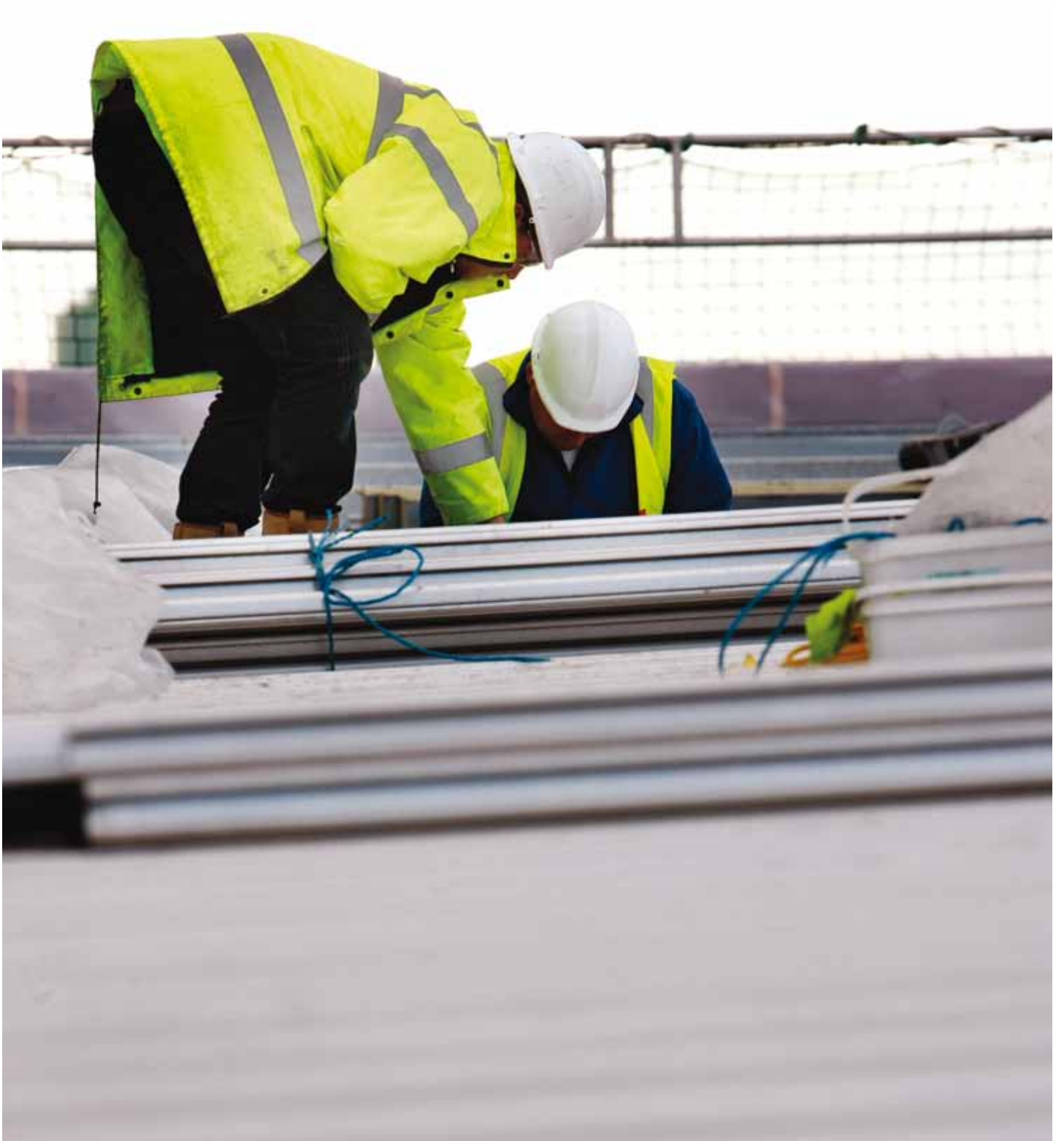
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Maintenance



Maintenance

Proper maintenance of your building envelope can alleviate many of the day-to-day headaches of running a facility, while planned preventative measures can stop problems arising to start with.

Part of the FK Group, FK Maintenance offer a comprehensive maintenance service for both existing and new premises. Operating an emergency call out and repair service, as well as individually tailored maintenance schedules, we cover every eventuality and ensure the service life of your buildings is maximised.

If the layout of your property is starting to adversely affect business or staff productivity, we can help there too. We can assess your sites, plan and design refurbishments and manage the fit out, with bespoke, end-to-end solutions. Once the work is complete, you'll benefit from a reduction in carbon and reduced operational risks. Your plant and building equipment will work more efficiently and performance will be maximised.

What's more, as we're part of the FK Group, we can support your build with other key services, from envelope solutions to renewable energy and controlled environments, offering the same quality and reliability throughout your build.

Our comprehensive services include:

- Full fit out and refurbishment, including design and project management.
- Surveys and plans.
- Building portfolio review.
- Planned preventative maintenance schedules.
- Advice on current legislation, incentives and technologies in material selection.
- Emergency call out and repair service.
- Gutter cleaning, repairing and re-lining.
- Metal roof sheet end lap cleaning, dilapidation and failure solutions.
- Roof light sheet end laps, cleaning, dilapidation and failure solutions.
- Roof light checking service to ensure the integrity and future performance of the roof light.
- Checking existing fall arrest safety prevention lifelines on a planned programme of inspection.
- Cleaning existing wall claddings with the correct non-abrasive cleaning materials to enhance the aesthetics of the building.
- Repair and Maintenance of Symphonic Drainage Systems.

Projects

ASDA

Key achievements:

Maintaining an extensive property portfolio, including facilities of varying ages and designs nationwide.
Major repairs to older roofing systems to bring them to an acceptable level or repair and performance.
Minor repairs on newer systems to prevent major repairs being necessary.
Emergency call-out service.

Contract remit:

Planned preventative maintenance.
Reactive maintenance (emergency call outs for roofing, cladding, drainage and mansafe problems).

Responsibilities:

Gutter clearing to prevent leaks and corrosion of fixings.
Fixings checks on main roof area.
End lap cleans and treatments.
Mansafe system checks and certification.
Flood tests if required.
Full maintenance of all drainage systems including Syphonic.



Projects

Office Depot

Key achievements

Maintaining nationwide portfolio of properties includes buildings of varying sizes, ages, scales and designs.

Major repairs to older roofing systems, to bring them to an acceptable level or repair and performance.

Minor repairs to newer systems, which would require major repairs if neglected.

Emergency call-out service.

Contract remit

Planned preventative maintenance.

Reactive maintenance (emergency call outs for roofing, cladding, drainage and mansafe problems).

Responsibilities

Gutter clearing to prevent leaks and corrosion of fixings.

Fixings checks on main roof area.

End lap cleans and treatments.

Mansafe system checks and certification.

Flood tests if required.

Full maintenance of all drainage systems including Syphonic.



Renewable Energy Controlled Environments Envelope Solutions Maintenance

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For a way of working that can revolutionise your way of working, just get in touch.

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