



# FLAT ROOF REFURBISHMENT & RETROFIT

Breathe new life into your flat roof





## Upgrade, Protect and Rethink



Maximise the full potential of your roof

When roof defects or water ingress begin to compromise performance, refurbishment becomes the most effective way to restore integrity and extend roof life.

But why stop there? You set the ambition. We help realise it.

Upgrade drainage and insulation, reduce energy loss, and transform roofs into productive, protective assets that advance your Net Zero goals.

We'll help you make your buildings work harder, smarter, and greener, delivering lasting results.



## How we support your vision

We work with you to design the roof detailing, write a compliant specification, and connect you with Axter-approved contractors to deliver the project.

1. Discuss your project with your Technical Sales Manager



2. We'll complete a roof survey using our cutting edge 3D scan technology



3. System selection & specification with our in-house design team



4. Select from our approved refurbishment contractors



5. On-site support and Quality Assurance inspections throughout the project

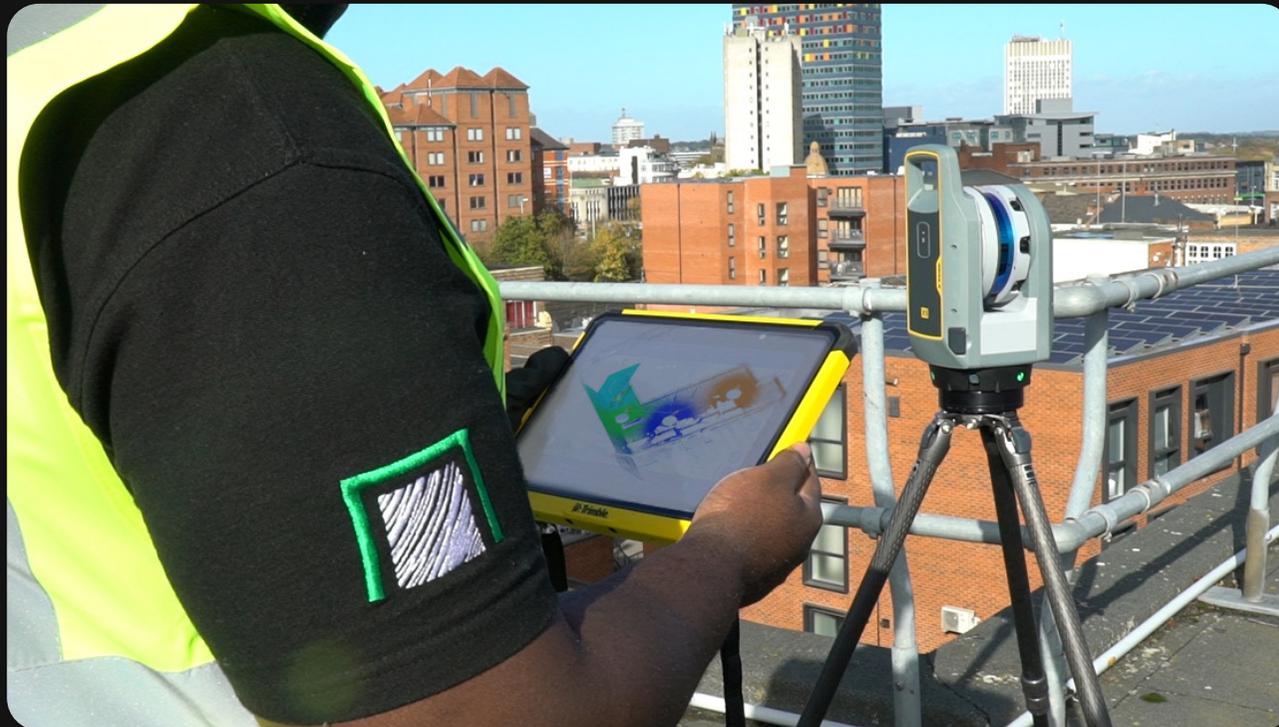


6. Following completion, you can access market-leading and meaningful guarantees



# The Future of Refurbishment

With our state of the art advanced **3D laser scanning technology**, we can assess fall direction, drainage issues, and slab tolerances with exceptional accuracy.





## Efficient

3D deck scanning creates a precise digital twin of the roof, capturing millions of data points. This high-resolution model removes the need for repeat site visits and eliminates assumptions during the design process.

It delivers data-rich visualisations that accurately represent falls, backfalls, tolerances and critical details, giving designers and clients complete clarity from the outset.

## Accurate

With accuracy measured to the millimetre, our scanning technology exposes every dip, deviation and irregularity invisible to the eye.

These digital models provide total confidence in decision-making, ensuring specifications and refurbishment strategies are based on reliable, verifiable data.

# Insurance Backed Guarantees

**Choose Axter and you're getting the market-leading assurance in roofing systems.**

Our platinum cover protects materials, design and workmanship for **up to 35 years**, and, uniquely, includes independent **insolvency insurance** so you're safeguarded even if the installer or supplier exits the business. It's the ultimate peace of mind built into your refurb-project.

*"Axter total system guarantees are comprehensive and genuinely market leading, this is why we chose to partner with Axter. Axter guarantees are transparent in their offering and are focussed upon de-risking the project and indemnifying all associated waterproofing risks of the client and developer, this is quite unique and we value their commitment and honesty."*

**Operations Director – Regal London**





## Concept & Technical Design



With dedicated technical expertise on your side, you stay in control from concept to completion.

Your assigned Technical Sales Manager becomes your single point of contact, coordinating every stage to keep your project on budget and on track.

Backed by a specialist in-house design team, you gain bespoke solutions and precise calculations, ensuring your refurbishment delivers at every step.



## Your Public-Sector Route to Compliance



PROCUREMENT GROUP

Axter is an approved supplier on the [LHC RS5 Roofing Systems and Associated Works Framework](#), a national, fully compliant procurement route for public-sector clients. RS5 streamlines appointment, removes the need for a full tender, and provides transparent pricing with pre-vetted manufacturers and installers.

For councils, housing providers, NHS trusts and education bodies, it offers a faster, assured pathway to deliver refurbishment and retrofit works with Axter's technical support, design expertise and market-leading guarantees.



# Tested Certified Systems

Our comprehensive system portfolio enables us to specify the right product for the right application, delivering proven performance, longevity, and cost-effectiveness.

From time-tested bituminous membranes to advanced cold-applied liquids and solar PV systems, our offering covers the full spectrum of flat roof technologies.



Standards and Building Regulations, **BBA certified**, and tested to achieve **Broof(t4)** fire performance.

## Roof Refurbishment & Sustainability



When you refurbish a roof, you unlock one of the biggest opportunities to improve building performance. Adding or upgrading insulation can significantly cut heat loss, by as much as 25%, helping meet current building regulations, lower energy use, and reduce carbon emissions.

With Axter's refurbishment systems, you can upgrade your roof efficiently and extend the life of your building.



# Sustainable Technologies

Our systems make retrofit simple, supporting the installation of sustainable technologies and upgrades such as:



## Blue Roofs

for controlled stormwater management and climate resilience



## Green Roofs

that enhance biodiversity, reduce urban heat island effects and extend waterproofing lifespan



## Solar PV

systems that generate clean, renewable energy and lower operational carbon



## Our Sustainability Pathway

We are proud to be a Certified B Corp, which holds us to a high social and environmental standard and reinforces our drive for positive change in the built environment sector.

In addition to our B Corp certification, we have achieved Carbon Literate Gold, ISO 9001 and ISO 14001 accreditations across our business.

[Read more](#)



# Why Choose Axter

Our refurbishment systems are backed by expert technical support, advanced 3D surveying, and market-leading guarantees, giving you complete confidence from design to completion.

This commitment to excellence is reflected in the feedback we receive from our clients:

*“What really stood out was their use of **3D deck scan technology**. Within a few days, we received a fully rendered 3D model of our roof. The model allowed us to accurately measure key areas, identify backfalls, and assess critical details in one comprehensive digital environment. The level of insight provided was invaluable, making it much easier to plan works and prepare for competitive tendering.”*

**Chris Cogan, Properties Manager – Landmark Offices**

[Book your survey](#)

# The Kings Head, Little Marlow



Located in the village of Little Marlow, the function room roof of The King's Head required refurbishment due to extensive water ingress and timber deck decay. The failed roof system was replaced with Axter's Ecoflex® single-ply membrane, a flame-free, lightweight recycled-PVC solution providing a durable, metal-effect finish and long-term waterproofing performance.

[Read more](#)



# Nursery Road, London



Situated beneath a series of Victorian railway arches in Brixton, this commercial property required a complete roof refurbishment following significant water ingress and deck deterioration.

The previous bituminous, cold roof system was replaced by Axter's cold-applied, rapid-curing PMMA technology, ensuring a flame-free installation with minimal disruption in the confined site



[Read more](#)

# London Pavillion, Picadilly Circus



The project refurbished a Grade II listed building in central London, overlaying its original asphalt roof with a warm-felt waterproofing system and installing a ballasted solar PV array to avoid roof penetrations and respect heritage constraints.



The solar system prevents an estimated 6,618 kg of CO<sub>2</sub> emissions annually, demonstrating how historic buildings can be retrofitted for renewable energy.

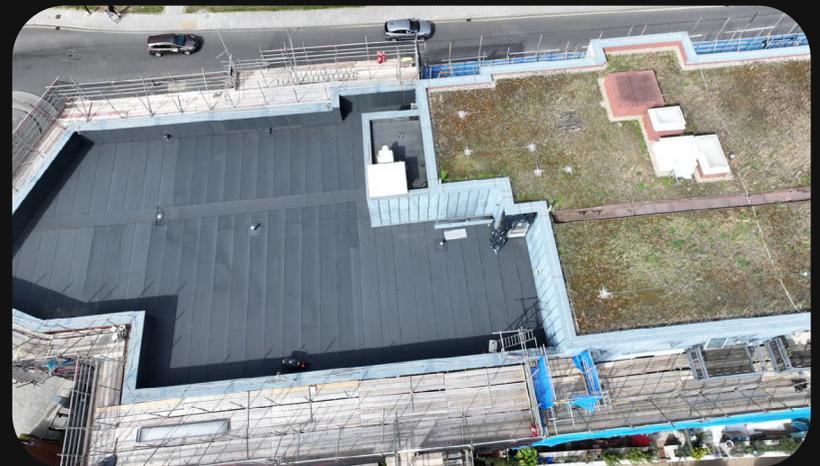
[Read more](#)

## Duchess House, Centenary Quay

The roof at Duchess House had suffered persistent leaks for around ten years before Axter Ltd and DMB Roofing were brought in to engineer a full refurbishment including upgraded drainage, tapered insulation and a torch-applied bitumen waterproofing system.

The finished installation delivered a durable, watertight solution backed by independent leak testing and a 30-year guarantee, restoring resident confidence and resolving a longstanding issue.

[Read more](#)





## Book a CPD

Our RIBA approved *Guide to Roof Refurbishment* CPD delivers a synopsis of how to go about maintaining, repairing and/or refurbishing a flat roof to achieve best value and protection for the building asset.

[Book now](#)



# Delivering quality, protection and expertise



“What truly sets Axter apart is their unwavering focus on quality and reliability. While their comprehensive warranties offer great peace of mind, I have never had the need to call on them — a testament to the durability and excellence of their work.”

**Construction Economist Group Limited**

“From initial consultations with Axter we found them to be highly knowledgeable and professional in providing solutions and specifications. Axter’s attention to detail manifested through their survey work and their recommendations provided us with a great deal of assurance in the project, along with ongoing technical assistance to provide reassurance at different junctions in the project..”

**Vine Christian Centre**



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