



Mission Critical Waterproofing

[moymaterials.com](http://moymaterials.com)

WE ARE  
**EXPERTISE**  
WE ARE  
**EXCELLENCE**  
WE ARE  
**MOY**





# WE ARE MOY

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MOY are one of the EMEA region's leading FULL SYSTEM PROVIDERS for high performance flat roof waterproofing systems.

MOY's multiple systems are third party certified (e.g. FM Global, ETA, BBA, NSAI) for local and international compliance to meet the design criteria for each territory we operate in. This allows for rapid deployment of individual system components which deliver a watertight roofing system solution at the earliest possible stages, all of which allow for internal construction works to commence.

Our innovative, long-lasting waterproofing solutions, backed by industry accreditation's and award-winning technical support, have earned MOY a raft of high-profile clients and established us as a category leader in the field of data centres.







# WHAT WE DO

Our projects consist of some of the most relevant, innovative, and cutting-edge design achievements.

We make sure that our approach to each is unique and effective.

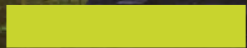
We will support, advise and provide expert advice, services and systems which are the best fit for your architectural vision and design requirements.





An aerial photograph of a city at sunset, with a large river in the foreground. The image is overlaid with large, semi-transparent geometric shapes: a dark blue triangle on the left and a green triangle on the right. The sun is low on the horizon, creating a warm orange glow. The city features a mix of modern and older buildings, with a prominent bridge crossing the river.

# OUR SYSTEMS



# BITUMEN

The MOY range of Paralon, Paraflex, Paro-Melt and Eurogum modified Bitumen waterproofing, are offered to the market as waterproofing and thermal insulation systems. Complete with a wide range of MOY air and vapour control layers, structural steel decks and related roof ancillaries such as drainage and plant support components. The durability for the Bitumen range of products can be up to 40 years and certified by third party testing bodies. All our systems are delivered through partnerships with our network of trusted installing contractors.





# LIQUID

The cold-applied Liquid roofing industry has grown into a multi-million pound market with products at the very forefront of waterproofing technology. For both refurbishment and new build projects, MOY has a number of cold-applied Liquid products available that can be used across a variety of applications including roofs, balconies and terraces, which include a range of decorative finishes for aesthetic design. Durability on the MOY range of Liquid waterproofing is in excess of 25 years and certified by third party testing bodies.





# SYNTHETICS

MOY's PVC, KEE and TPO products offer many benefits and cost-effective solutions that are lightweight and quick to install. Also offering increased durability for up to 40 years as certified by third party testing bodies and carrying accreditation from the BBA and NASI along with many FM approved assemblies. MOY can confidentially offer a Single Ply waterproofing system through our partnerships with some of the leading providers of thermoplastic roofing membranes.



# HOT MELT

The MOY Paro-Melt system is a second generation Hot Melt waterproofing system solution. It is used to waterproof inverted roofs. The polymer modified bitumen compound is used with a robust SBS protection membrane which gives a tough monolithic but flexible roof system. Durability on the MOY Paro-Melt system is in excess of 30 years and suitable for use in areas with high footfall, pedestrian or vehicular trafficked applications such as parking and podium decks.





# GREEN ROOF

## [SUSTAINABLE ROOFS]

Green roofs have many benefits at economic, ecological and societal levels. A Green roof provides a rainwater buffer, purifies the air, reduces the ambient temperature, regulates the indoor temperature, saves energy and encourages biodiversity in the region. Green roofs are part of climate-proof construction and at MOY we have the experience and expertise in delivering green roof solutions for all mission critical projects throughout a wide range of sectors.





# DELIVERING A SUCCESSFUL DATA CENTRE ROOFING PROJECT



## PRE CONSTRUCTION

Engaging with our client to create a project specific waterproofing system, adhering to all design criteria.

## CONSTRUCTION

Delivering a successful project without delays through open communication alongside the Construction Management Team.

## POST CONSTRUCTION

- ✓ Testing
- ✓ Sign off Inspection
- ✓ O&M Handover
- ✓ Warranties & Certifications

# INTELLIGENT ROOFING SMART MONITORING

Integrates seamlessly into MOY's warm roofing systems

**SINGLE  
PLY**

**GREEN  
ROOF**

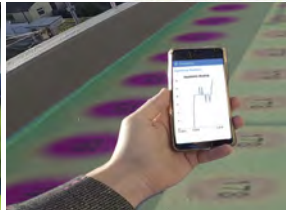
**LIQUID**

**BITUMEN**

# THE NEXT STEP IN ROOFING TECHNOLOGY



Introducing a new dynamic solution to MOY offerings with a 24/7 live monitoring of your roofing performance. This intelligent roof solution is powered by AquaTrace and, when combined with a MOY waterproofing system, detects any break in roof performance. This is then fed back to you in real time via its smart app directly to your digital device. We are able to dramatically reduce the risk and commercial implications from water ingress into a building and, in doing so, protect your valuable asset.



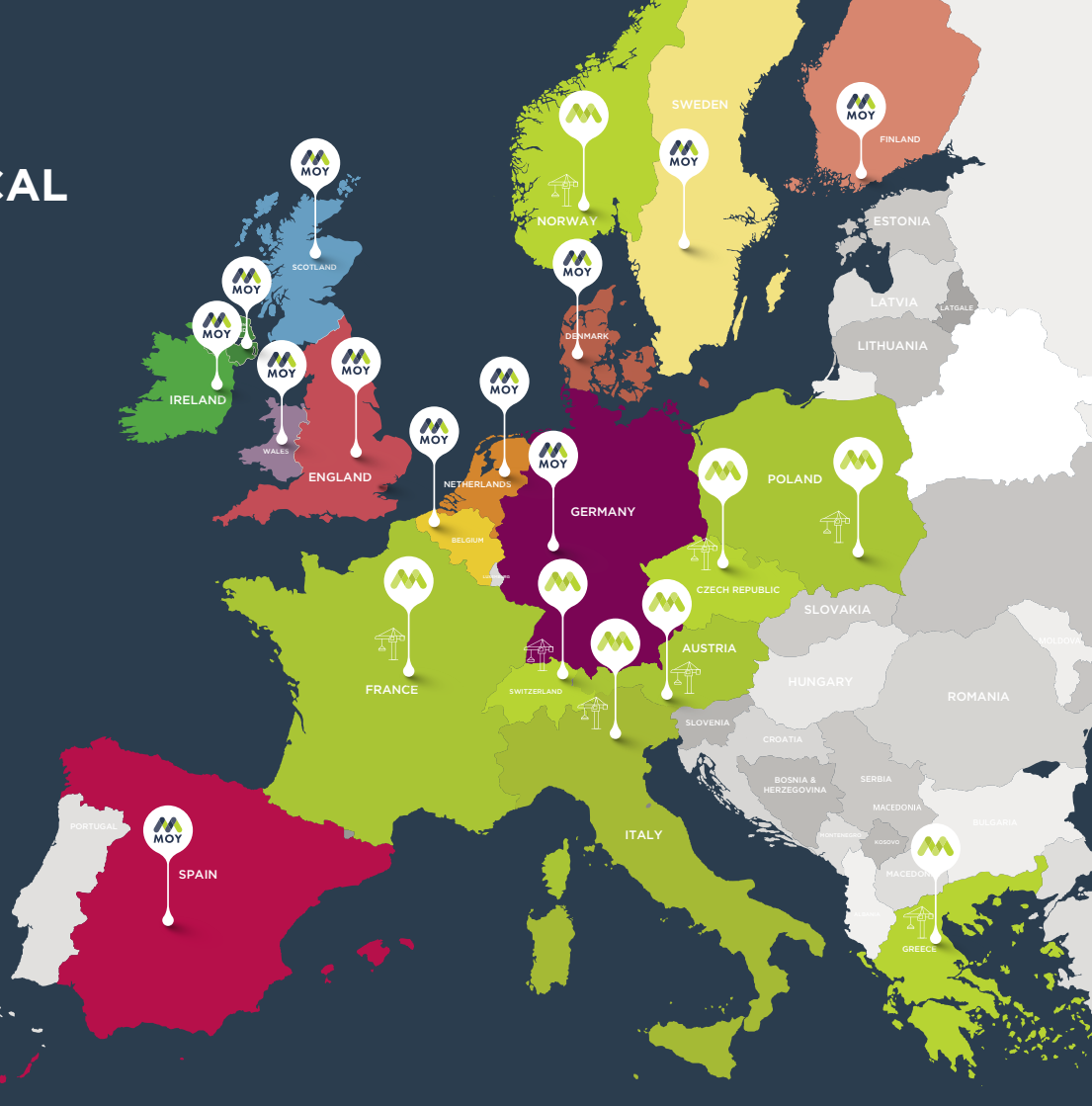
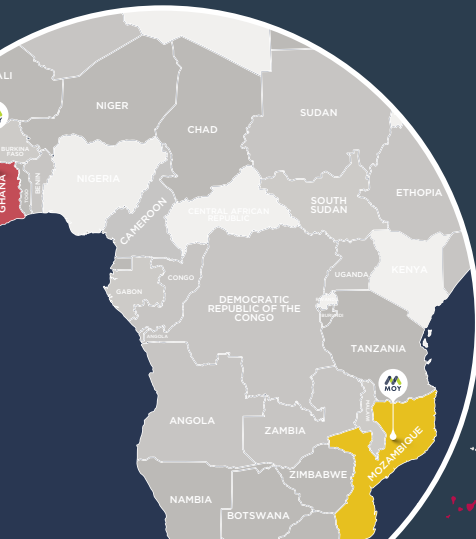




- ✓ Ease of installation
- ✓ Live monitoring
- ✓ Early and live warnings
- ✓ Real time alerts
- ✓ Exact risk area pinpointed
- ✓ High value build protection

# MISSION CRITICAL PROJECT LOCATIONS

## AFRICA





# WE ARE MOY

We work better together...

“It is not the beauty of a building you should look at; it’s the construction of the foundation that will stand the test of time.”

**David Allan Coe**





# SERVICES

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Roof Systems Design



Lost Habitat Replacement through  
Living and Blue Roofs



Drainage  
Analysis



Roof System Planning  
and Compliance



Intelligent Roofing Smart  
Monitoring Solutions



Project Construction  
Lifecycle Management



# SECTORS

Agricultural

Battery Fabrication

Commercial

Data Centre

Educational

Government Infrastructure

IT Processing

Justice and Reform

Mixed Use

Pharmaceutical

Residential

Transportation / Logistical Distribution







# ROOF DESIGN PROCESS

Building design is a collaborative process harnessing the creativity of solution driven professionals across a range of disciplines. To this process, MOY bring four decades of technological advancement with the highest standards in compliance, to deliver added value and Net Zero strategising to projects globally. Creating Roof Systems which advance your sustainability targets and delivering with exemplary customer service.

**Brian Conroy**

Group Technical Director MOY



# HEALTH & SAFETY CONSIDERATIONS

Monitor Performance

Reduce Risk

Stay Safe

Plant and Machinery Updated and Secure

Clear Communications

Support Policy Financially

Establish Good Practice

Maintain H&S Practices

Comply and Adhere to Legislation

Motivate, Train & Challenge



# SUSTAINABILITY CONSIDERATIONS

Leaders in Green Roofing

Pollinator Friendly

Civic Engagement

Research & Development

Carbon Zero

Habitat Replacement

Promote Sustainability

Carbon Capture Projects

Measure our Impact

Co-Efficiency

Engagement Surveys

Climate Change Reduction Policies





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