



Alzheimer Scotland HQ

WATERPROOFING: Caltech FCP

PROJECT SIZE: 310m²

PROJECT LOCATION: Edinburgh

Your Complete Roofing Solution

Environmentally Focussed | Responsibly Sourced | Ethically Driven



ALUMASC
ROOFING

Alzheimer Scotland HQ



Before



After

Project Overview

Alzheimer Scotland is Scotland's leading dementia charity, playing a crucial role in supporting people and families living with dementia. Its brand new Edinburgh headquarters will serve as a key operational hub, accommodating both staff and visitors throughout the year.

The main roof had been protected by a single ply membrane for around two decades, and was still performing adequately. However, the client felt it was the right time to future-proof their building, to avoid potential issues and protect the integrity of the existing roof.

The single ply membrane installed on the building's wrap-around balcony was displaying significant wear and tear due to foot traffic and exposure to changing weather conditions, necessitating a full upgrade.

Client Brief

Alzheimer Scotland's primary objective was to achieve a cost-effective and low-maintenance refurbishment that would enhance the performance and safety of both the main roof and the balcony areas. The client was particularly concerned with ensuring that the solution would minimise future maintenance costs, while also providing a robust surface capable of withstanding foot traffic in key areas. The balcony doubled as an access route, so required a durable and safe waterproofing solution that would stand up to regular use.

Safety, longevity, and ease of installation were central to the brief. The works needed to be completed with minimal disruption to daily operations at the headquarters, and the client needed the assurance of extensive support.

Solution

Alumasc Roofing carried out a full roof survey to assess the condition of the existing waterproofing, and identify the most suitable remedial approach. Following inspection, Alumasc produced a detailed condition report and performance specification, outlining the best system options for each roof area.

Alumasc's Caltech FCP system was specified for its ease of installation around small and complex details; its versatility makes it particularly effective in confined areas such as those presented by the balcony. TCT Industrial Roofing, a

long-standing Alumasc Registered Installer, was appointed to undertake the project based on their successful track record of working with the Caltech system.

In preparation, the balcony was fully stripped back to the deck, before being installed with the Caltech FCP system. To enhance safety for foot traffic, an anti-skid quartz finish was incorporated into the system, providing additional grip and durability.

On the main roof, the existing single ply membrane was carefully cleaned and prepared before being overlaid with the Caltech FCP system.

In total, TCT Industrial Roofing installed approximately 310m² of Caltech FCP. This high-performance hybrid polymer resin forms a fully reinforced, cold applied membrane that is rainproof in as little as 30 minutes. The system's rapid-curing technology allows for swift installation with minimal disruption, while the embedded glass fibre matting delivers exceptional strength and flexibility.

Caltech FCP is suitable for both new build and refurbishment projects, across cold, warm, inverted, and buried roof applications. It is BBA certified (No. 22/5988), making it a trusted choice for projects requiring long-term reliability and compliance with modern building standards.

Unrivalled Support

As part of Alumasc Roofing's comprehensive service offering, support was provided from initial survey through to completion. Alumasc conducted regular site visits throughout the project and provided the client with detailed reports, offering additional quality assurance. The close collaboration between Alumasc and TCT Industrial Roofing ensured a smooth and efficient installation, completed to the client's full satisfaction.

The completed system was supplied with a 20-year warranty, giving Alzheimer Scotland complete confidence in the long-term performance of their refurbished roof and balcony areas.

