

Your Complete Roofing Solution

Environmentally Focussed | Responsibly Sourced | Ethically Driven



Edward Pinner Court

Situated in the picturesque area of Surbiton in Surrey, Edward Pinner Court is made up of 21 one bedroom and 11 studio flats. Facilities at the court include a communal room, laundry room, guest room, walkways with landscaped communal gardens maintained by residents.

The association's Court Manager Service is an important and integral part of their approach to supporting residents. It is designed to offer support and security to those residents who need it. The service is about promoting and encouraging individuals to maintain their independence in their own home.

Brief

During routine maintenance, it was reported that some of the covered walkways linking the different areas of the site were showing signs of general wear and tear. With remedial works attempted throughout. A concern for the elderly residents. The pitched roof had several leaks and was beginning to show signs of structural issues.

AlumasC were approached to find a solution to the problem. Our technical team got to work. James Cramp Regional Technical Manager said "we used the latest technology available to us and undertook a drone survey to understand the full extent of the pitched roofing works". We analysed the walkways to propose a solution. James adds "in addition, after a full and detailed investigation, we were able to identify that the existing pitched roof was starting to bow under the strain of the traditional heavy roof tiles. Highlighting concerns over health and safety".

Solution

Due to Alumasc's comprehensive portfolio, the team were able to present the client with two products working in conjunction with each other to solve the pitched roofs' problems.

To ensure the walkways were completely waterproof, Caletch QC Balcony, with its thick, fully reinforced waterproofing layer and a proven track record of more than 20 years, was the obvious solution.

This high-performance system comprises of a range of rapid curing two-component, cold-applied, reinforced PMMA waterproofing. Solvent free, the product is specifically designed for walkways and terraces over occupied premises. BBA Certified and available in a wide range of colours, textures and surface finishes, the team were able to fully tailor the system to meet and exceed the clients' expectations.

To ease the structural strain on the building, the team presented Alumasc's Airtile metal roofing system for the main roof area.

Manufactured from high quality Aluzinc Steel, Airtile Slate is extremely lightweight, in fact 7 times lighter than a traditional roof tile, this component also gives the product excellent long-lasting strength and performance, way above that of traditional materials.

100% recyclable, Alumasc Airtile is a high performing, versatile and elegant looking modern-day version of a traditional slate tile. It has all the characteristics you can expect from a traditional slate tile such as authentic finish and riven edges. However, unlike natural slate, Airtile Slate will not crack, break, chip or delaminate.

In summary, the team, together with the client, were able to select two products which solved the issues with the main roof and walkways, making them waterproof, easing the strain on the structure and providing an aesthetically pleasing and consistent look. With a 20-year warranty, the new revamped walkway can be enjoyed by the residents, plus the client can be confident in the structure for many years to come.

Challenges

As with many of our residential projects, the repairs needed to be completed with minimal disruption to the residents within the building and the surrounding area. Working closely with our approved contractor Inspire Contract Services, who undertook the works to a high level of workmanship, we were able to keep the client updated throughout every stage of the project.

Both products dramatically reduced the contractor's installation times. Extremely quick to cure, Caletch QC can be waterproof within 30 – 40 mins per coat. Not only reducing the installation times, but it is also perfect for use in the unpredictable British weather.

As Airtile is much lighter than traditional roof tiles, installation times were reduced even further. Unlike moving heavy traditional tiles, Airtile is quick, simple, and easy to install, not only ensuring that deadlines are met, but in addition giving the client and contractors the added cost savings over the lifetime of the building.

