

TCRC Case Study: Avanti Gardens School, Bristol



Complete Repair & Protection Solution for Grade I Listed Building

Avanti Gardens School is a two-form entry community primary school situated in Fishponds, Bristol. It opened in September 2014 and joined the Avanti Schools Trust in 2019.

When this Grade I listed building required a range of specialist repair and protection systems, TCRC worked closely with surveyors Hookway to provide a bespoke, long-lasting solution.

A Versatile Skill-Set with Attention to Detail

The scope of works for this historic project was wide and varied. On the pitched roof areas, TCRC carefully removed pennant stone tiles before upgrading the existing timber battens and underslating membrane. The stone tiles were then carefully replaced, replicating the intricate diminishing course layout that characterises the roof. Health and safety was of paramount importance, as was the protection of the building's occupants and contents throughout these works. As such, extensive safety scaffolding was installed, along with a large, temporary protective roof which covered over half of the building at any given time.

Extensive repairs and repointing were also carried out to stone gargoyles and other areas where there was spalling damage to the stonework. In addition, specialist leadwork was required in several places to repair and replace the Code 6 Lead. Elsewhere, the historic cast iron hopper heads, snow guards and downpipes needed to be fixed and repainted, including decorative gold leaf detailing throughout.

Finally, TCRC operatives installed a high performance BUFR waterproofing system from Garland onto the flat roof areas. To mark the occasion, TCRC organised a special 'time-capsule' into which the pupils were invited to put their thoughts and feelings. This was then buried beneath the new roofing system, ready for future generations to discover and enjoy!

Project: Avanti Gardens School

Location: Bristol

Client: Avanti Schools Trust

Surveyors: Hookway Partnership

Products: Stonework Repairs, Repointing, Leadwork, Redecoration of Cast Iron Gutters & Hoppers, BUFR



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