

East Plean Primary School



Project East Plean Primary School
Product AshZip™, AshFlow™, AshFab™, AshFix™
Location Main Street, Plean, Stirling
Client Aedas Architects
Architect Stirling Council
Main Contractor Robertson Group Limited
Installer XL Cladding Limited
Sector Education

East Plean Primary School

The original East Plean Primary School made national news when it was effectively destroyed by a fire caused through vandalism. The building was so badly damaged by water and smoke that demolition and replacement became Stirling Council's only realistic option.

It was decided to re-build on the same site, adjacent to the busy A9 road. This presented some logistical challenges, largely as a result of the footprint of the new £4.5 million school being substantially larger than the one it replaced.

Concern was expressed in the local community that the new school would stand out in comparison to the very traditional appearance of the old building.

A seamless and highly integrated range of Ash & Lacy building envelope components became instrumental in the achievement of a sympathetic design, which also employed skillful use of brick and vertical timber panels to create an attractive and unobtrusive new facility.

Over 2,300m² of the AshZip™ standing seam system was specified in 0.9mm aluminium with an AluNatur transparent finish, providing a very natural overall roof appearance, in complete harmony with the other chosen envelope materials.

AshZip™ differs from other standing seam roofing systems in the philosophy adopted by Ash & Lacy, which is based on offering a comprehensive solution from a single source. This recognises that the appearance and performance of a roof can be seriously compromised unless other components such as rainwater goods and perimeter details are all to the same exacting high standards.

The project therefore also features an AshFlow™ rainwater system with a 1.2mm Aquatite™ membrane. Aquatite™ offers a strong, formable metal substrate, combined with a non-permeable weather resistant membrane, factory-bonded to the water-carrying surface. This highly effective construction gives a superior quality finish for maximum drainage efficiency. It also comes with a leading guarantee and technical support, plus the reassurance of being a safe, green solution.

Complementary AshFab™ perimeter fabrications in 2mm PPC aluminium provided a pristine and crisp final touch. The school signage was also designed and created by Ash & Lacy. It is laser cut into the fascia flashing, with a contrasting backing sheet to highlight.

AshFix™ stainless steel fixings were used throughout, to ensure long term high performance and corrosion resistance.

The end result is a very well-conceived envelope solution that enables the school to blend into its locality.

Satisfied with the appearance, pupils and staff have found the new school to their liking. Larger classrooms suit and accommodate their academic needs, and a practical layout minimises disruption between classrooms and other facilities.

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