

RCT COUNCIL - YSGOL GYNRADD GYMRAEG AWEL TAF EDUCATION

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Heol y Celyn Primary School, having reached the end of its serviceable life, was demolished to pave the way for a state-of-the-art facility designed to provide first-class education in a 21st-century setting. The new school, completed in time for the 2023/24 academic year, features 18 classrooms, shared areas, offices, toilets, and a kitchen, offering a modern and versatile educational environment.

LOCATION
PONTYPRIDD

CLIENT
ISG CONSTRUCTION

TIMESCALE
6 MONTHS

BUDGET
£500K

SIZE
2,200m²



Approach

The school is part of a wider scheme that includes a new playing field, staff car park and on-site bus drop-off area. Our work and design aligned with the council's commitment to achieve Net Zero Carbon for new buildings. This project is part of a £75.6m investment across the Greater Pontypridd area.

Central Group undertook the extensive roofing and cladding work for the new school. The project included the installation of a Euroclad Aluminium Double Skin seam standing roof, featuring intricate details such as box section gutters, secure rainwater pipes, and associated flashings. Kingspan composite cladding was used for the walls and facades, incorporating secret-fix wall panels to provide a high-performing insulated solution with an aesthetic appeal. Insulation was installed prior to the aluminium sheets, which were then overlaid with photovoltaic cells to harness solar energy and enhance the building's sustainability.

Solution

Our in-house design team worked closely with the architect to ensure that the new build met all specified requirements. Before commencing work, we delivered detailed drawings and complete specifications to align with the architectural intent and achieve the desired building standards. The aluminium sheets were crane-lifted onto the metal frame and assembled by Central operatives, ensuring precision and efficiency throughout the process. The roofing and cladding systems come with a 25-year guarantee, underscoring our commitment to quality and durability.

The aluminium sheets were complete with a Stucco embossed aluminium finish providing a U-value of 0.12, while the cladding featured a Spectrum finish in a moonstone oyster colour, adding to the building's aesthetic appeal. This project showcases Central Group's expertise in delivering high-quality, sustainable building solutions tailored to our clients' specific needs. The new Ysgol Gynradd Gymraeg Awel Taf stands as a testament to our dedication to excellence in construction and design.

