



Sustainability reaches new heights at Exwick...



The challenge was how to merge two existing primary schools on separate and remote sites into one fully integrated learning facility and to also meet the various requirements of the community. The answer was to replace both schools with a new building on a local green field site that could accommodate not only curriculum activities but also to provide ample space for out of hours community activities to take place as well.

The two-storey building is split in two by a central corridor. Community activity areas being on the North side and teaching activities to the South. The classrooms open up onto landscaped areas in order to make the most of the external environment.

Sustainable elements include natural ventilation and lighting which have gone towards the building achieving a high BREEAM rating. As the main teaching areas are South facing, it was important to ensure that the windows were adequately protected and shaded against solar heat gain and glare. In addition, the central atrium was top ventilated which requires cooler incoming air to cross flow through to the atrium from the classroom windows. In order to achieve this, Par Louvre Systems were awarded the contract by the Rok Group to supply and install over 300m² of elliptical A300 Brise Soleil along the length of the South façade. The Par system protects both ground and upper floor windows and is cantilevered out from the building to ensure full window coverage and to follow the curvature of the facade. It is supported by secondary steelwork supplied and fitted by Par and fixed back to Glulam beams.

"We are very pleased with the workmanship of Par Louvre Systems and Exwick Heights is just one of the many successful projects that Par have undertaken with the Rok Group."

Rok Group project Manager

Exwick Heights Primary School