

SEN School, Reading



Blinds shaped to match contour of roof



Blinds fully deployed

| Project | | Solution | |
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| <p>We were asked to assist with the design of a new school in Reading by Wilmott Dixon Construction.</p> <p>The futuristic design and nature of the school presented particular challenges relating to the effective provision of a solar shading system and to its operation.</p> <p>Manually operated blinds were required for low level windows but the high level windows necessitated motorised operation.</p> | | <p>After a number of meetings with the contractor, architect and client a final specification was proposed and agreed.</p> <p>At high level in the classrooms Astralux 6000 louvre systems shaped to match the sloping nature of the roof were installed. At low level Astralux 3000 roller blinds were proposed to give a high degree of glare control.</p> <p>All high level blinds were automatically linked to the building management system. Office/administration areas were equipped with Astralux 2000 venetian blinds to give flexible and discreet control of glare. Additional Astralux 4000 rooflight roller blind systems were installed in the meeting rooms to give a high degree of blackout for presentations.</p> | |
| Benefits | | Details | |
| <ul style="list-style-type: none"> • Glare control to allow use of computer screens in office areas and white boards in classrooms (conformance with H&S requirements) • Significant reduction in heat gain • Simple but effective manual operation combined with sophisticated automated control of high level/remote systems • An effective and aesthetically pleasing solution to shading large expanses of unusually-shaped glazing • Low maintenance and high performance | | <p>Products:</p> <p>Astralux system 6000 motorised louvre systems. Astralux 4000 roof light roller blinds with blackout fabric. Astralux 3000 crank handle operated fully framed roller blinds with Carona Screen fabric Astralux 2000 manually operated Venetian blinds.</p> <p>Architect:</p> <p>Hunter & Partners</p> <p>Contractor:</p> <p>Wilmott Dixon</p> | |

Please contact us for more reference sites or any further information