

# Star of the Sea School, Whitley Bay



Blinds almost fully deployed



Blinds partly deployed

Project		Solution	
<p>Faced with designing an extension to a school which had predominantly south facing windows, and was also positioned in an exposed area close to the beach at Whitley Bay, Darbyshire Architects of Gosforth asked Astralux for expert advice on solar shading.</p> <p>The architects were keen to explore the benefits of an external solution to give optimum shading performance whilst adding to the aesthetics of their design.</p>		<p>After exploring the options a specification for Astralux 7000 Markisolette awnings was agreed with group, motorised operation from inside each individual room. An external anemometer was also proposed to continuously monitor the wind speed and to retract the systems safely if this exceeded acceptable levels.</p> <p>The system hardware was powder coated to match the window frames.</p> <p>The result was a very effective and attractive solution to the issue of glare and heat gain.</p>	
Benefits		Details	
<ul style="list-style-type: none"> <li>• Glare control to classroom areas (conformance with H&amp;S requirements)</li> <li>• Significant reduction in heat gain over internal systems by preventing solar radiation entering the building</li> <li>• Simple operation via one switch for a bank of windows</li> <li>• Protection from potential system damage via anemometer and auto-retraction</li> </ul>		<p>Products:</p>	<p>Astralux 7000 Markisolette awnings with motorised control and anemometer wind protection.</p> <p>Acrylic UV resistant material.</p> <p>A total of 20nbr systems to 5nbr south facing elevations.</p>
		<p>Architect:</p>	<p>Darbyshire Architects</p>
		<p>Contractor:</p>	<p>Holly Construction Ltd</p>

More pictures

Please contact us for more reference sites or any further information



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# Star of the Sea School, Whitley Bay



A versatile and colourful shading solution



Blinds almost invisible when fully retracted



Top section of blind extends vertically



Blinds then extend to provide shade



Windows can still be operated

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