



ALL CLASS

■ HANLON WINDOWS USED ELEVATE™ ALUMINIUM SYSTEMS FOR THIS PRIMARY SCHOOL WHICH LOOKS ANYTHING BUT ORDINARY

Chalk one up for sustainability and the lucky students of Our Lady of the Angels School. Located in the thriving suburb of Kellyville, in Sydney's north-western suburbs, the primary school is designed with colour, fun and educational excellence in mind. The new build focussed on creating state-of-the-art shading and airflow, a seamless connection between internal and external spaces, and exceptional energy efficiency.

The brief included the need for flexible rooms and spaces that could be changed according to curricular demands, as well as a range of strict lighting, acoustic, ventilation and heating specifications. To meet the brief, the architect and builder required high-quality windows and doors that combined architectural beauty, strength, and the ability to withstand weather extremes. After extensive product research, the team at Hanlon Windows was engaged to supply the world-renowned AWS range of windows and doors.

AWS | PROJECT FEATURE

AWS ELEVATE Series 410 Bi-fold doors were selected, allowing whole rooms to open up to outdoor play areas, while stunning expanses of glazing maximise the area's plenitude of natural light. Effective cross-ventilation is achieved using the AWS Series 400 framing with Breezeway Altair louvres.

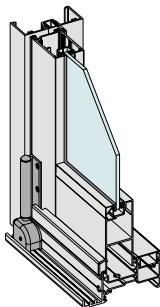
Energy efficiency, superior insulation, sound dampening, and glare reduction are delivered through the use of VIRIDIAN Smart Glass SPI0, Soltech and Energytec. The high-performance, low E laminated and double-glazed glass achieves an impressive STC rating of 30Rw. The glass also retains the winter solar heat gain, resulting in the need for very little artificial heating during the colder months, and a dramatic reduction in cooling costs during summer. Combined with the use of commercial aluminium framing, the school enjoys an incredible 39% improvement in insulation, making it the ideal environment for young minds to learn and grow.



For more information & the full gallery, visit:
elevatealuminium.com.au



Architect: De Angelis Taylor + Associates



ELEVATE™ ALUMINIUM JOINERY SERIES 410 BI-FOLD DOORS

- × The Series 410 Bi-fold door is an exceptionally strong bi-fold system designed to accept the heavy duty AWS Series 50, 51 and 52 doors.
- × Rebated door stiles give a flush appearance when the two bi-fold doors meet and provide superior weather protection.
- × This bi-fold door can accommodate compliant bi-fold panels up to 3000mm high.
- × Bi-fold door panels are supported on quad rollers running on heavy duty dual bottom rails.
- × A variety of lever and lock options are available including proprietary multi-point and lever compression locking for added security.
- × As the bi-fold doors are supported at the sill (sill rollers) we can fit overlights. Overlights can be fixed glass or opening sashes.
- × Successfully tested for water resistance at 450Pa.



Hanlon Windows is a leading manufacturer of VANTAGE®, Elevate™ and ThermalHEART™ Aluminium Systems. The 100% Australian owned business has been manufacturing for over 35 years and won numerous Australian awards for their outstanding quality and customer service. They specialise in high performance, energy efficient products for residential and commercial projects and can assist in the selection, supply and servicing of Australia's leading window and door systems.



2D & 3D CAD Files Available | Download from specifyaws.com.au to use in your projects.

For more information on this and the rest of the Elevate™ Aluminium Systems range: elevatealuminium.com.au