

CASE STUDY

ADAPTABLE, FLEXIBLE AND STUDENT CENTERED

Modern teaching practices thrive in the open, adaptable classroom spaces of this newly completed school campus.



Adaptable, flexible and student-centred: that was the brief and that is what has been delivered for this new school campus on the Central Coast of New South Wales. The end result was achieved through the combination of innovative design, latest technologies and high quality Alspec window and door framing componentry.

Located at Erina Heights in New South Wales, Central Coast Grammar School required a new Junior School campus addition which was more suited to modern teaching practices. The school is an independent, coeducational school with nearly 1300 students from Kindergarten to Year 12. Since opening in 1985 with just under 200 students, the school has undergone a host of upgrades to cater for the growth in pupils, with the new Junior School campus being the largest project to date.

Tasked with creating collaborative learning spaces, designers aimed for flexibility, where rooms and furniture could be easily adapted to the required learning environment. The campus was designed around three buildings tailored to the learning needs of the three separate age groups (K-2, 3-4, 5-6) with each building connected to breakout spaces and age-appropriate outdoor play areas.



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PROJECT	Central Coast Grammar School
TYPE	Commercial
LOCATION	Erina Heights, New South Wales
BUILDER	NBRS
ARCHITECT	Reitsma Construction
FABRICATOR	AJ Aluminium
PRODUCTS	ProGlide® High Performance Sliding Door Hunter Evo 150 mm Double Flush Glazed Framing Alspec Awning and Casement windows
FINISH	APO Grey Satin D1000 (GL107A)
PHOTOGRAPHER	Vashner Muhi



To make the classroom spaces flexible and simple to adapt, Alspec ProGlide Ultra Flat Sliding Doors were installed for both internal and external interfaces. Functioning as both access doors and 'openable walls', the doors were configured with four large panels (one fixed and three sliding). The wide-spanning doors allow a classroom to expand into a larger open space when needed or easily closed to create a more delineated environment, while natural light is maintained at all times.

ProGlide Ultra Flat Sliding Doors, named for their wheelchair compliant sill, provide a seamless transition between areas ensuring spaces are accessible to all and removing any potential trip hazards for young feet. The doors boast excellent thermal, acoustic and weather performance, thanks to their weather-resistant sill design and heavy-duty aluminium profile.

The same sliding doors were used to connect the breakout and foyer areas outside the classrooms to the outdoor garden and terraced play spaces, again providing a flat and safe interface between internal and external floor finishes. Meanwhile, above both internal and external facing doors, sections of Alspec's Hunter Evo Flush Glazed Framing were combined with openable louvres to encourage natural ventilation.

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