



PREMIUM ALUMINIUM WINDOW & DOOR SOLUTIONS FOR EDUCATIONAL ENVIRONMENTS

Darley Aluminium are an Australian-owned, family business who pride themselves on being more than just a distributor of aluminium extrusions. With over 26 years of experience nationally, Darley have developed into a well-respected business in the aluminium industry.

The Darley team are proud to offer the complete solution including aluminium window and door options for the education sector. Like any sector, education has unique and specific requirements to ensure both compliance and suitability for the environment. The Darley team are backed by decades of experience which can be drawn upon when selecting the right aluminium windows and doors.

There are many factors to consider when undertaking a project for the education sector including energy efficiency, acoustic performance, compliance with Australian standard and of course, comfort and wellbeing. Ensuring an in-depth understanding of each of these factors is key to successful selection of aluminium windows and doors.

As a part of their range, Darley offer a range of systems that are suitable for the education sector including:

- CityView™ – Commercial window and door systems
- ClimateGuard™ – thermally broken window and door systems
- Commercial framing systems
- Venticent – Trickle Ventilation systems

ENERGY EFFICIENCY

Window and door systems that provide energy efficient solutions are incredibly important in today's world. Darley's CityView™ double glazed window and door systems increase energy efficiency by keeping the cold out during Winter and in the heat out during Summer.

Darley's CityView™ louvre windows, CityView™ awning windows and commercial framing systems have been intentionally designed to increase natural light, natural airflow and ventilation. The design of these limits the need for using expensive lighting and air conditioners.



Scan the QR code to learn more about Darley Aluminium's complete solution for the educational sector.



ACOUSTIC PERFORMANCE

Acoustic performance refers to the ability of window, door and framing systems to block out unwanted noise. In busy and active classrooms, the need for having a well-performing acoustic environment is essential.

A positive and calming environment for students can be achieved through considering of the right aluminium inclusions. CityView™ window and door systems provide noise reduction and a comfortable environment for the occupant.

AUSTRALIAN STANDARDS

All of Darley's CityView™ and ClimateGuard™ window and door systems are tested and in fact, exceed the Australian Standard AS2047 that prescribes the requirements for windows and external glazed doors in buildings.

Darley CityView™ glazing systems have been tested to meet and exceed the requirements of AS2047 Windows and external glazed doors in buildings and AS4284 Testing of building façades.

Both CityView™ and ClimateGuard™ have been specifically designed for the harsh Australian climate. Comprehensive testing for both of these systems was taken in NATA accredited laboratories.

In addition, Darley's CityView™ and ClimateGuard™ systems also provide a solution for accessible living and are compliant with Australian Standard AS 1428.1 which details the requirements for access and mobility.

COMFORT AND WELL-BEING

One of the most important factors for education projects is the comfort and well-being of both teachers and students.

Classrooms should have an abundance of natural light, natural air flow and ventilation.

Darley's CityView™ awning windows and louvre windows are able to achieve such a balance. In addition, Darley's Venticent trickle ventilation system can also assist with this as it provides an energy efficient solution for managing passive airflow ventilation.

In conclusion, Darley Aluminium offer the complete solution for aluminium window, door and framing systems. From product design and manufacture through to tech support, software, customer service and tooling, the Darley Aluminium team are here to help.

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