

# NEW NAME AND UPGRADE PUT THE CITYVIEW ARCHITECTURAL SLIDING DOOR & CLIMATEGUARD ARCHITECTURAL SLIDING DOOR AHEAD OF THE REST

More than just a sliding door, Darley's new sliding doors tick all the boxes for compliance and high performance.

There are not many aluminium window and door fabricators, who have not used the CityView Apartment Sliding Door system over the years. This popular sliding door system has been used by countless builders and developers and installed in some of the most prominent commercial and residential projects in the country.

This year has seen some exciting changes to the Darley Aluminium product line with the upgrade of some of their existing products. Two of the most popular door systems, the CityView Apartment Door system, and the ClimateGuard Apartment Door system, have been given a new name to better match, and highlight, what these products represent.

Now known as the ClimateGuard Architectural Sliding Door system and the CityView Architectural Sliding Door system, these new and improved product lines will appeal to a much wider audience in both commercial and architectural applications.

These systems are widely used in highrise multi-residential dwellings, with

the ClimateGuard (thermally-broken) Architectural sliding door becoming increasingly popular in architectural, residential, and commercial projects.

Some of the main upgrades to these Architectural sliding door systems include the addition of new flush sills and flush drain sumps, the introduction of large stiles to suit a variety of mortice lock options, and the CityView Architectural sliding door achieving a BAL40 bushfire rating.

There has been a favourable response from Darley's customers already using these systems, and they are pleased that the rebrand more accurately suits the product's capabilities.

The recent Petersham RSL upgrade, saw the CityView Architectural sliding door installed in the Siding apartments by NSW fabricator: Style Windows & Doors Pty Ltd. NSW fabricator: Trio Designs installed the thermally-broken ClimateGuard Architectural sliding door into a newly renovated, modern residential home in Dover Heights NSW, with the owners of this coastal property reaping the benefits of increased energy efficiency and protection from harsh weather.

Darley Aluminium National Sales Manager, Ray Kwan said, "We identified that our CityView sliding door and ClimateGuard sliding door systems are being widely used across the full spectrum of residential, multi-residential, commercial, and architectural construction, and therefore felt that rebranding the systems to better reflect their use in the marketplace. As part of the rebrand, we've also introduced the flush sill and integrated flush sub-sills for flat threshold transitions, and also completed testing for the new systems including AS2047 for windows and external glazed doors in building and AS3959 for construction of buildings in bushfire-prone areas."

## New flush sills and flush drain sumps

Both the CityView and ClimateGuard Architectural Sliding Door systems now feature new flush door sills (SD408 and SD608).

Designed and engineered in Australia, these flush sills are aesthetically pleasing, practical, and self-draining. They are disability access compliant making them the perfect choice for the aged care sector. They are also pre-slotted, so there is no need for additional fabrication, and are tested to Australian standard AS2047.



Another feature added to both the CityView and ClimateGuard Architectural sliding door systems are the new flush drain sumps (TJ400 and TJ600). These unique one-piece sumps, which are also designed and engineered in Australia, come pre-slotted, so there is no additional drilling or notching required by the fabricators.

The new flush drain sumps are also suitable for all sliding and folding 100/101.6mm and 150/152.4mm operable systems and will suit any 25mm and 65mm stainless steel grate.

## CityView Architectural Sliding Door rated for BAL40

Earlier this year, the CityView Architectural sliding door system was tested to the updated and more stringent Australian standard AS1530.8.1-2018 to BAL40, which is the highest bushfire rating available in Australia before BAL-FZ (Flame zone).

Testing was conducted by NATA accredited testing organisation: Warrington Fire, in accordance with the requirements outlined

in the current 2018 version of the testing standard. To simulate more accurate fire conditions, Tasmanian Oak was used during testing instead of the traditional pine cribs, which results in higher burn temperatures.

The system exceeded testing requirements and was able to withstand temperatures of up to 40 kW/m<sup>2</sup> without compromising the frame and glazing components. BAL40 is primarily concerned with the protection of buildings from ember attack and burning debris ignited by wind-borne embers and exposure to a high level of radiant heat.

## New stiles to suit mortice locks

Another exciting upgrade to the systems is the new stiles (SD148, SD162 & SD172) that can accommodate a variety of mortice lock options. As with the other new features, the new stiles can accommodate a wide range of hardware options and key functions, including residential and commercial mortice locks, pull handles, surfaced mounted options and flush pulls.

These systems not only integrate with current design trends but rate highly with regards to performance specifications. Both the CityView Architectural Sliding Door system and ClimateGuard Sliding door systems are versatile and can be incorporated into a variety of configurations by using the common Darley commercial framing systems.

They are also able to accept single or double glazing options, allowing for the flexibility to meet all budgets, whilst adhering to stringent energy efficiency requirements.

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