



ENHANCING SAFETY: HOW SCRENGUARD TRANSFORMED A RETIREMENT COMMUNITY

When it comes to the safety and comfort of residents in retirement communities, security is paramount. At Cumberland Gardens, an over-55s retirement village developed by RPF Building, Wallsgate, NSW, this priority was clear from the start.

With 40 residential villas, an indoor swimming pool, a community centre, and a bowling green, this project required robust, high-quality solutions for security and aesthetics.

That's where Darley Aluminium's KlassicView and ScreenGuard systems came into play, transforming the village into a safe and comfortable haven for its residents.

RPF Building turned to Space Windows & Doors to fabricate and install all the windows, doors, and security screening systems for the development, who in turn recommended Darley's KlassicView residential systems and ScreenGuard security screening systems to meet the high standards required for this project.

One of the critical requirements from the developer was to install a security screening system that met the latest Australian security standards and was bushfire-rated to BAL40. After evaluating multiple options, ScreenGuard emerged as the perfect choice, ticking all the boxes.

ScreenGuard is a high-tensile security screening system made from a high-quality aluminium frame and 316 marine-grade stainless steel mesh. It has been tested and certified to meet the latest Australian Standard AS5039-2023 for security doors and window screens.

Updates to the AS5039-2023 standard includes an increase in the energy rating from 100 joules (SL100) to 200 joules (SL200) during Dynamic impact testing. This test is mandatory under the Australian Standard and is used to evaluate the performance of security doors

and simulates human impact against the door. ScreenGuard not only successfully tested to this newer and higher energy level of 200 joules but was one of the first security screening systems in Australia to achieve this rating.

ScreenGuard is also BAL40 Bushfire rated and provides protection against increasing levels of ember attack and burning debris. BAL stands for Bushfire Fire Rating Level and BAL40 is the second highest bushfire rating.

Space Windows & Doors installed ScreenGuard hinged doors, sliding doors, and window grilles in each villa. These were paired with Darley's KlassicView sliding doors, KlassicView 76mm sliding windows, and CityView 40mm commercial doors. The compatibility of Darley's systems allowed for seamless integration, providing both security and visual appeal throughout the community.

The ScreenGuard security screens provided more than just a barrier against potential intruders—they offered peace of mind to the residents of Cumberland Gardens, with residents knowing that their security is safeguarded by a top-of-the-line system designed to withstand significant impact.

While security was the primary concern, ScreenGuard also delivered several other key benefits to the residents of Cumberland Gardens.

Privacy: The angle and thickness of the 316 marine-grade stainless steel mesh makes it difficult for people outside to see into the home,

providing enhanced privacy for residents while still allowing clear views from inside.

Energy Efficiency: ScreenGuard helps reduce UV light and solar heat from entering the home. By limiting the amount of heat entering the villas, residents can enjoy cooler interiors during warmer months, potentially reducing the need for air conditioning.

Improved Ventilation: The stainless steel mesh allows for excellent airflow while keeping insects out. This means that homes can stay naturally ventilated without sacrificing comfort or security.

Aesthetic Appeal: ScreenGuard systems are not only functional but also enhance the visual appeal of the homes. The 316 marine-grade stainless steel mesh and high-quality aluminium frame can be powder-coated in a variety of finishes from Dulux or Interpon, allowing the system to complement the design of each villa seamlessly.

The installation of Darley's KlassicView and ScreenGuard systems at Cumberland Gardens is a prime example of how high-quality security solutions can enhance both the safety and comfort of a retirement community. Residents can enjoy their homes in peace, knowing they are protected by industry-leading security systems that also provide privacy, energy efficiency, and aesthetic benefits.

Scan the QR codes to learn more about how Darley Aluminium's ScreenGuard can enhance the security and comfort of your next project

