



CAREEL HEAD RESIDENCE

This coastal residence in Avalon makes the most of its Northern Beaches setting through expansive glazing to maximise natural light and ventilation.

Architect
Walsh Architects

Builder
Laxale Group

Fabricator
PCW Commercial Windows

Capral Products

AGS Commercial 400 Series
AGS Commercial 900
High Performance Sliding Door
AGS Commercial 225 Hinged Door
AGS Commercial 50 Awning Window
AGS Commercial 950 Sliding Window

ELEVATED COASTAL LIVING

Located in Avalon on Sydney's Northern Beaches, the Careel Head Road residence was designed to suit its exposed coastal setting. Capral Aluminium systems were used to withstand UV exposure, salt air and harsh weather conditions.

Careel Head Road in Avalon showcased a coastal residence that combined expansive glazing and high-performance materials with seamless indoor-outdoor flow. This maximised natural light, ventilation and views of the Northern Beaches.

The Careel Head Road residence in Avalon demonstrated how commercial-grade aluminium window and door systems could elevate high-end residential design. Delivered by PCW Commercial Windows in collaboration with Laxale Group and Walsh Architects, the project achieved a refined outcome suited to its coastal setting.

Located in Sydney's Northern Beaches, the home prioritised large-format glazing to capture coastal outlooks and strengthen the connection between indoor and outdoor living. Glazing selections were developed alongside the builder, fabricator and energy consultant to meet BASIX requirements while maintaining the design intent.

Capral Aluminium systems were used throughout the residence, delivering commercial-grade performance in a residential application. The Capral AGS 400 Narrowline Series was used for fixed glazing, providing strength and clean sightlines.

The Capral AGS 900 High Performance Sliding Door was used for large openings, enabling smooth transitions between indoor and outdoor spaces in a coastal environment. The Capral AGS 225 Door Series provided durable access solutions, while the Capral AGS 50 Awning Series supported natural ventilation across key areas. The Capral AGS 950 Sliding Window added flexibility for everyday airflow and usability.

Durability was a key focus due to the exposed coastal location. All aluminium systems were specified with a finish designed to withstand UV exposure, salt air and harsh weather conditions. Breezway louvre galleries with E-Tech Low-E glass blades were integrated to support passive cooling and improve thermal performance.

The delivery of the project highlighted the capability of PCW Commercial Windows, who managed fabrication and installation with precision and ensured alignment with both design and performance requirements. Coordination across all project teams supported efficient installation of the large glazing elements.

Overall, the project demonstrated how Capral's commercial window and door aluminium systems could be successfully applied in residential architecture, delivering durability, energy efficiency and a refined coastal aesthetic. PCW Commercial Windows' fabrication and installation expertise helped bring the design vision to life while ensuring the home met its performance requirements.



