

116 ROKEBY STREET

Architect

Carr

Developer and Builder

Figurehead

Fabricator

Fenestrate

Capral Products

AGS 600 Narrowline Single
Glazed

AGS 625 Narrowline
Futureline 629TB Front Glazed
Framing System

AGS 900 High Performance
Sliding Door

AGS 50 Awning Sash

AGS 225 Door

CAPRAL
ALUMINIUM

BREATHING INNOVATION

Melbourne's vibrant Collingwood district is now home to a groundbreaking commercial development that sets new standards for sustainable architecture and innovative design.

The 116 Rokeby Street project, a collaboration between renowned architects Carr and forward-thinking developers Figurehead Group, showcases the future of office spaces while highlighting the versatility and performance of Capral's aluminium systems in modern construction.

The 11-storey structure embodies the concept of a 'breathing space', seamlessly blending the area's rich

industrial heritage with contemporary architectural elements. At its core, the project's success hinges on a holistic approach to sustainability, user well-being, and architectural innovation underpinned by high-quality Capral products.

Carr's architectural vision for 116 Rokeby Street centred on creating a space that respects its industrial surroundings while paving the way for

future commercial architecture. The design team faced the challenge of balancing Collingwood's robust character with the need for a contemporary, forward-thinking commercial space. Their solution pays homage to the area's fragmented industrial materiality while introducing elements of lightness and transparency.

Key design principles included



maximizing natural light and air circulation, achieved through careful building orientation, strategic window placement, and innovative double-skin façades. The result is an open, airy space that feels connected to the outside world, even in a bustling urban environment. The building's environmental performance was a top priority, influencing every design aspect, from material choice to the integration of cutting-edge sustainable technologies.

Capral's aluminium systems played a crucial role in realizing this vision. The AGS 600 Narrowline and AGS 625 Narrowline window systems allowed for expansive glazed areas, maximizing natural light while maintaining excellent thermal performance. The Futureline 629TB system, with its thermal break technology, significantly enhanced the building's energy efficiency. For sliding doors leading to outdoor terraces and balconies, the AGS 900 Slider system provides smooth operation and weather resistance, which is ideal for Melbourne's variable climate.

The building's innovative double-skin façade, incorporating Capral's high-performance aluminium framing, serves as a thermal buffer and is crucial in the natural ventilation strategy. Capral's AGS 50 Window system was instrumental in this ventilation strategy, offering robust design and excellent weatherproofing properties. For main entrances and high-traffic areas, the AGS 225 Door system was selected for its durability, security, and alignment with the project's sustainability goals.

The flexibility of Capral systems allowed for customization to meet specific project requirements. The durability and low maintenance requirements of Capral's aluminium systems align with the building's long-term sustainability goals, reducing the need for replacement over time and contributing to a circular economy



approach in construction.

116 Rokeby Street's commitment to sustainability extends beyond its façade, featuring an extensive array of photovoltaic panels on the roof to offset power consumption. This renewable energy source, combined with the energy-efficient design, contributes to the building's impressive NABERS Energy Rating of 5.5 stars.

The interior design of 116 Rokeby Street demonstrates a holistic approach to workspace design, where every element contributes to creating an environment that supports productivity, well-being, and sustainability. By seamlessly integrating high-performance products like Capral's aluminium systems with innovative design strategies, Carr and Figurehead Group have created a benchmark for the future of commercial interiors, proving that industrial spaces can be both functional and sustainable while harmoniously integrating with their surroundings.

THE USE OF CAPRAL SYSTEMS THROUGHOUT THE PROJECT ALLOWED FOR A COHESIVE AESTHETIC ACROSS DIFFERENT FUNCTIONAL AREAS, WITH SEAMLESS TRANSITIONS BETWEEN WINDOW, DOOR, AND FAÇADE SYSTEMS.

