

FRASERS

KEMP
CREEK



Architect

BNV Architects

Builder

Fraser's Property Industrial

Fabricator

Magic Glass

Capral Products

AGS CW175 Curtain Wall

CAPRAL
ALUMINIUM

SUSTAINABLE INDUSTRIAL DESIGN

In Western Sydney's industrial area, the Fraser Kemp Creek Industrial development is embracing sustainable design principles. This modern facility, part of The YARDS precinct, thoughtfully combines functionality with aesthetics. Capral's CW175 Curtain Wall system plays a key role in enhancing the building's architectural appeal and performance.

The YARDS, located within the Mamre Road Precinct, offers excellent connectivity to major transport routes. Its strategic position, just 5km from the Western Motorway M4, 9km from Westlink M7, and 10km from the Lighthouse Interchange, allows businesses to manage their logistics efficiently. The precinct provides flexible development options, including

various lot sizes and arrangements to suit different business needs, from pre-lease arrangements to speculative developments for immediate occupancy.

The project team aimed to create a space that would inspire productivity while considering environmental impact and occupant well-being. Their design incorporates elements that maximise

natural light, improve energy efficiency, and create a pleasant working environment. This approach marks a significant departure from traditional industrial building designs, which often prioritise function over form and employee comfort.

Sustainability was a guiding principle throughout the design process. The developers aimed for a 6 Star Green





Star rating, reflecting their commitment to eco-friendly construction. This ambitious goal influenced every aspect of the building's design, from material selection to energy systems. The focus on sustainability not only reduces the environmental footprint of the facility but also contributes to long-term cost savings through improved energy efficiency.

Capral's CW175 Curtain Wall system is a central feature of the building's facade. This innovative system has helped achieve the project's design goals, balancing functionality with visual appeal. It offers energy efficiency through double-glazing and optional high-performance glass, enhancing thermal insulation. The system also allows for the incorporation of sun-shading elements without compromising performance, further contributing to the building's energy efficiency.

The CW175 system's forward-positioned glazing pocket creates a clean, modern appearance, elevating the aesthetic appeal of the industrial facility. Its versatility in glazing types, finishes, and custom colours allowed architects to realise their vision while



maintaining optimal functionality. This flexibility makes the CW175 well-suited for both energy-conscious and design-forward buildings, proving that industrial spaces can be both practical and visually striking.

Magic Glass, with nearly three decades of experience in the glass and glazing industry, was chosen as the fabricator

and installer for this project. Their expertise ensured the precise and careful installation of the CW175 system, guaranteeing that the theoretical benefits of the system would be fully realised in practice. This collaboration between product innovation and skilled installation was crucial in bringing the architects' vision to life.

The Fraser Kemp Creek Industrial

development, featuring Capral's CW175 Curtain Wall system, represents a significant step forward in industrial architecture. This project sets a new standard for industrial developments, showing that with innovative design and the right materials, it's possible to create spaces that are not only efficient and environmentally friendly but also inspiring and comfortable for the people who work in them.

“IT DEMONSTRATES HOW INDUSTRIAL SPACES CAN BE BOTH FUNCTIONAL AND SUSTAINABLE WHILE HARMONIOUSLY INTEGRATING WITH THEIR SURROUNDINGS.”

