# LOOKBOOK 2024

WEBFORGE

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# WESTMEAD CHILDRENS MSCP
# New South Wales, Australia

Product: BIPV System, Perforated, Pic Perf®, Crash Barrier, Fall Arrest

Architect: Billard Leece Partnership

As part of the $619 million Stage 2 Redevelopment of the Children's Hospital at Westmead, the multi-storey car park was designed to enhance functionality, safety, and sustainability while meeting the hospital's long-term parking needs. This facility ensures efficient access for patients, families, and medical staff while integrating innovative design solutions.

**Sustainability and Design:** The 6,500m² perforated metal façade, supplied by Webforge Locker, provides natural ventilation, light filtration, and a visually striking architectural element. Additionally, Webforge Locker's Building-Integrated Photovoltaics (BIPV) system seamlessly blends into the façade, generating renewable energy and contributing to the project's environmental performance.

**Functional Enhancements:** Built for safety and durability, the car park incorporates Ingal Civil's Crash Barrier System to protect vehicles and pedestrians, along with a dedicated fall arrest system to enhance worker safety during maintenance.

**Impactful Outcomes:** With over 1,000 parking spaces, this facility ensures accessibility while integrating sustainable technologies. Webforge Locker's contributions help create a functional, secure, and future-ready infrastructure, supporting both operational efficiency and environmental responsibility.

# Evans Street MSCP
# Victoria, Australia

Product: Expanded Mesh, Transit Mesh

Builder: Kane Construction

The Sunbury Multideck Car Park showcases Webforge Locker's expertise in facade design, featuring 3,000m² of expanded mesh and transit mesh across its external elevations. This project highlights a highly efficient, scaffold-free installation process, made possible by smart system design and close coordination with the builder.

**Sustainability and Design:** The expanded mesh panels were installed in both horizontal and vertical orientations, creating a seamless architectural finish. The inclusion of perforated headlight panels on Level 3 enhances safety while maintaining the car park's open-air aesthetic.

**Functional Enhancements:** The mullion system for the expanded mesh panels saved significant installation time. By incorporating a welded flat bar, the entire external facade was installed from inside the building, eliminating the need for scaffolding.

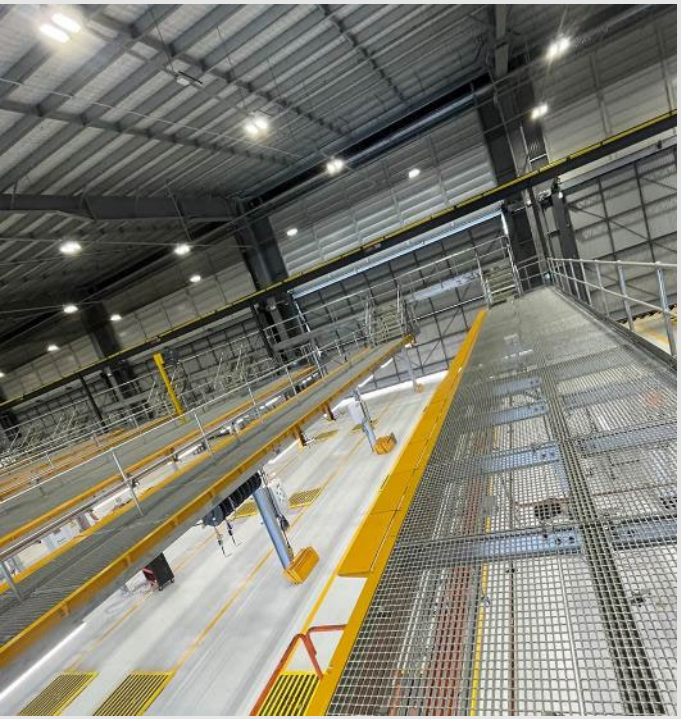
**Impactful Outcomes:** The anti-climb mesh panels on Level 3 received positive feedback from the architect, and the Transit mesh system allowed for a fast and efficient installation. Results exceeded expectations, reinforcing the efficiency and adaptability of our facade solutions.

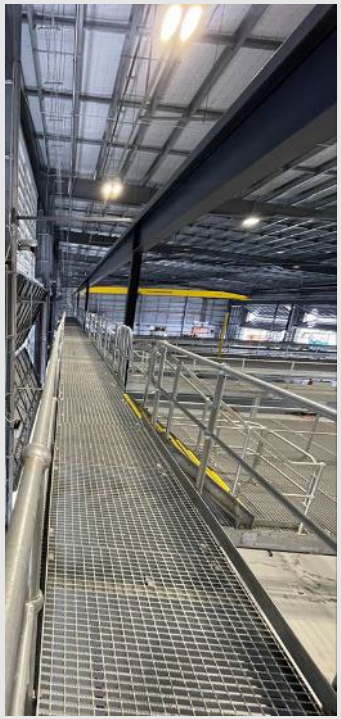
# Brisbane Metro Depot
# Brisbane, Australia

Product: Grating, Safety Barrier

Builder: ADCO

The Brisbane Metro Depot is a state-of-the-art facility designed to support the city's transition to a fully electric metro fleet. As part of the $92 million project led by ADCO for Brisbane City Council, this 10-hectare site will house and maintain 60 battery-electric metros, incorporating cutting-edge charging solutions and sustainable infrastructure.





**Sustainability and Design:** The depot is designed to achieve a 5 Star Green Star rating, integrating advanced charging technology for a cleaner and greener Brisbane. Webforge Locker's HD Galvanised Safety Barriers—spanning 430 metres—offer long-term durability, impact resistance, and corrosion protection, essential for high-traffic transport facilities.

**Functional Enhancements:** The facility includes 540m² of Webforge Locker's Fabricated Grating across work platforms, ensuring safe, slip-resistant flooring for maintenance operations. This heavy-duty grating supports efficient drainage and ventilation, creating a safer and more functional workspace for fleet servicing.

**Impactful Outcomes:** The Brisbane Metro Depot sets a new standard for sustainable, high-performance transport infrastructure. With Webforge Locker's industrial-grade barriers and grating, the depot is now equipped for long-term operational efficiency, ensuring a secure, future-ready facility for Brisbane's expanding metro network.

# Origin Bank
# Dallas, USA

Product: Perforated Aluminium Atmoshere FX

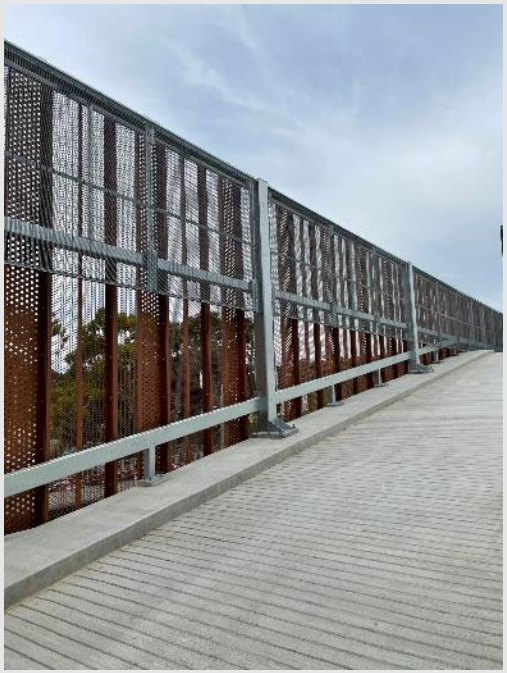
Architect: Gensler, Dallas

The Origin Bank facade in Dallas is a stunning example of how Webforge Locker's Atmosphere FX system can transform a building's exterior. Designed by Gensler, Dallas, this installation showcases cutting-edge architectural solutions that blend flexibility, efficiency, and sustainability into a sleek, fixing-free design.

**Sustainability and Design:** Atmosphere FX features sustainable and recyclable aluminium panels, offering a lightweight yet durable facade solution. The system integrates seamlessly with Direct-to-Glazing Mullion or the Aurora Rail, ensuring a clean, modern appearance while enhancing the building's environmental performance.

**Functional Enhancements:** Designed for easy assembly, Atmosphere FX's modular kit allows for custom positioning, adapting to 1-3 story structures. The system's E panels help reduce thermal load while maintaining natural daylighting, improving energy efficiency. Meanwhile, S panels can incorporate BIPV solar technology, helping buildings meet Net Zero and ESG goals.

**Impactful Outcomes:** This installation at Origin Bank demonstrates how Webforge Locker's Atmosphere FX system delivers both aesthetics and functionality, offering a high-performance facade solution that enhances operational efficiency while achieving a striking architectural statement.



# Greensborough Station Car Park
# Victoria, Australia

| | |
|---|---|
| Product: | Aurora System<br>Sheer 2800 Perforated Panels<br>Powder Coated |
| Architect: | MGS Architects |
| Builder: | L.U. Simon |

Webforge Locker is proud to have contributed to the Greensborough Station Car Park, a vital addition to the Car Parks for Commuters program. The project features 1,500m² of aluminium façade panels showcasing a combination of Sheer 2800 perforated patterns, custom designs, and bespoke aluminium battens and tray panels.
In addition to the façade, we supplied the plant room enclosure and gates and 400m² of internal anti-climb mesh, ensuring security and durability.

**Sustainability and Design:** The aluminium façade panels were chosen not only for their sleek aesthetic but also for their lightweight, recyclable properties, contributing to the project's environmental goals. The dynamic brown and green panel arrangement creates a modern, cohesive visual impact, blending seamlessly with the surrounding environment.

**Functional Enhancements**: As part of the Car Parks for Commuters program, the Greensborough Station Car Park delivers:

- 100 Additional Spaces for commuters.
- A Bus Interchange enhancing connectivity.
- Upgraded Safety Features including lighting and CCTV.

**Impactful Outcomes:** The Greensborough Station Car Park stands as a testament to what can be achieved through innovation, collaboration, and a shared commitment to excellence. It's more than a car park—it's a modern infrastructure solution designed for community and sustainability.

# Park Royal Melbourne Airport Victoria, Australia

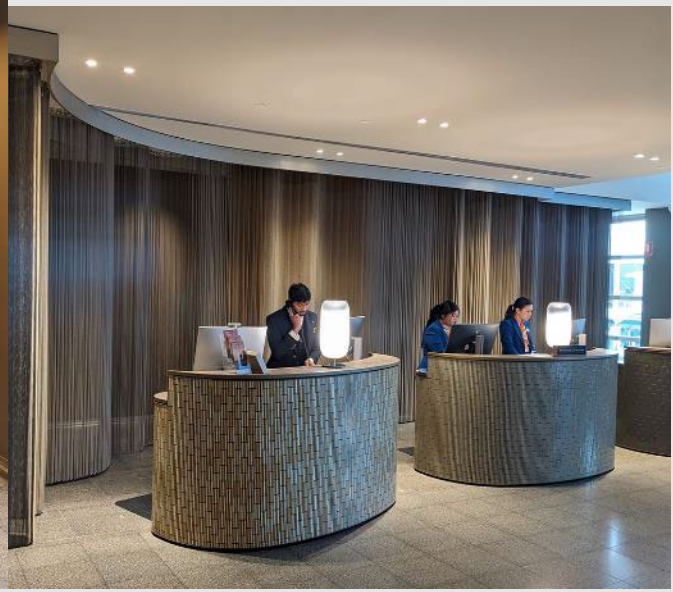
Product: Transit Curtain Aluminium

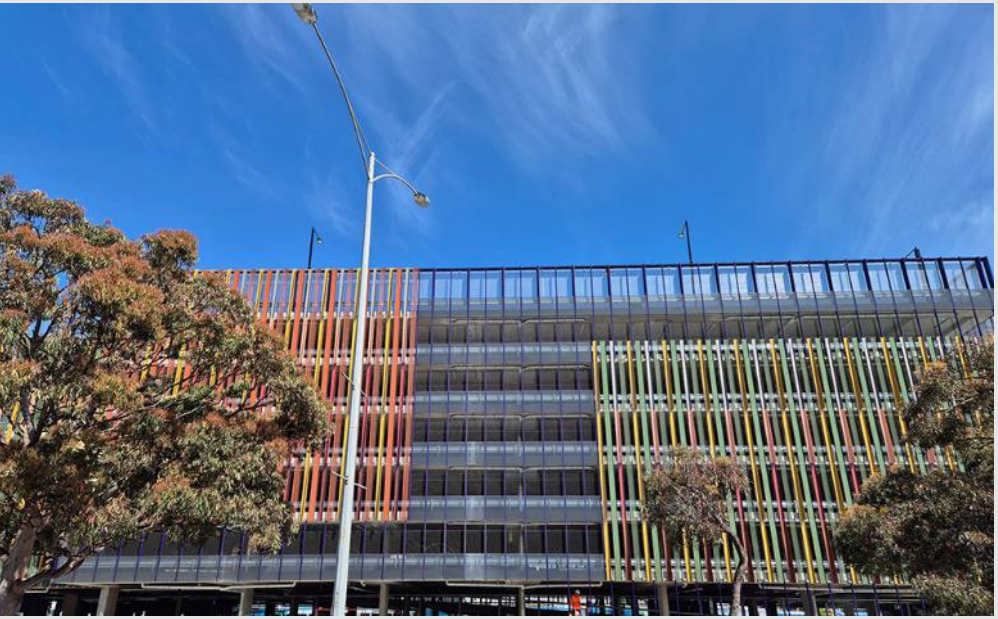
The newly refurbished Park Royal Melbourne Airport blends sophistication and practicality, with design elements that elevate the guest experience. As part of this transformation, Webforge Locker's Transit Curtain range was selected to enhance both aesthetics and functionality in the luxury check-in lobby.

**Sustainability and Design:** The aluminium clenched-edge Transit Curtain, designed for the project by Susan Standring, offers a refined and modern architectural feature. Finished in Duranar XL Champagne Gold, it delivers timeless elegance while discreetly concealing staff areas.

**Functional Enhancements:** At 3 meters high, the lightweight aluminium construction ensures an easier installation process, while maintaining durability. Its permeable structure allows for subtle spatial division without compromising airflow or openness.

**Impactful Outcomes:** Aluminium's recyclable properties align with sustainability goals, making this installation both environmentally responsible and visually stunning. Webforge Locker's Transit Curtain has helped create a seamless, sophisticated, and functional space, reinforcing Park Royal's commitment to luxury and efficiency.





# Frankston Hospital MSCP
# Victoria, Australia

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|---|---|
| Product: | Perforated & Solid Tray Suncreen Panels, Crash Barriers |
| Architect: | Architectus |
| Builder: | L.U. Simon |

The Frankston Multi-Storey Car Park plays a crucial role in the $1.1 billion redevelopment of Frankston Hospital, the largest health infrastructure investment in Melbourne's south-east. Designed to support the hospital's expansion, the car park ensures safe, accessible, and efficient parking for the growing number of patients, staff, and visitors.

**Sustainability and Design:** Featuring Webforge Locker's Perforated and Solid Tray Sunscreen Panels, the façade delivers durability, airflow, and solar shading, enhancing both functionality and architectural appeal. The innovative design integrates seamlessly into the evolving Frankston Hospital precinct.

**Functional Enhancements:** Ingal Civil Products' Crash Barriers provide essential protection for vehicles and pedestrians, ensuring safety within the multi-storey structure. These solutions enhance the car park's resilience while meeting the high-performance standards required for public infrastructure.

**Impactful Outcomes:** With Frankston Hospital expanding to add 130 new beds, new maternity and paediatric wards, and more operating theatres, the car park will support increased demand while improving accessibility for patients and staff. Webforge Locker's contribution reinforces a functional, future-ready solution in this vital redevelopment project.

# Kananook Commuter Car Park Façade
# Victoria, Australia

Product: Aurora Rail System – Perforated Facade

Builder: Ireland Brown Construction

The Kananook Commuter Car Park is a key part of a $22 million infrastructure project aimed at improving public transport access and parking availability in Frankston City. Fully funded by the Australian Government's Department of Infrastructure, this multi-level facility will provide over 300 parking spaces, supporting both commuters and nearby recreation users while easing congestion in the area.

**Sustainability and Design:** Featuring Webforge Locker's Aurora Rail System with perforated facade panels and an integrated Fin System, the car park balances ventilation, solar shading, and architectural impact. The striking, contemporary design ensures a modern, functional, and visually impressive addition to the precinct while integrating seamlessly into the urban landscape.

**Functional Enhancements:** The project includes safe, undercover parking, dedicated bicycle storage, and improved pathway connections, making it more accessible for both commuters and recreational visitors. Pre-assembled 2-metre-wide facade panels, reaching up to 12 metres in length, reduce installation time and on-site disruption, allowing for a faster, more efficient build process.

**Impactful Outcomes:** The facility supports Frankston Basketball Stadium and local infrastructure, enhancing traffic flow and pedestrian safety. Designed to meet future demand, Webforge Locker's contribution ensures a durable, efficient, and future-ready parking solution, reinforcing the region's commitment to sustainable urban development and smarter transport solutions.

# LA Chargers
# Los Angeles, USA

Product: Perforated Aurora System

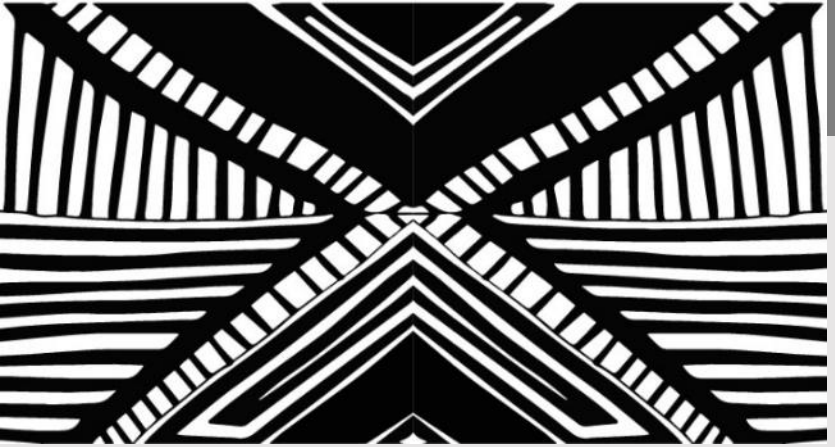
Architect: Gensler

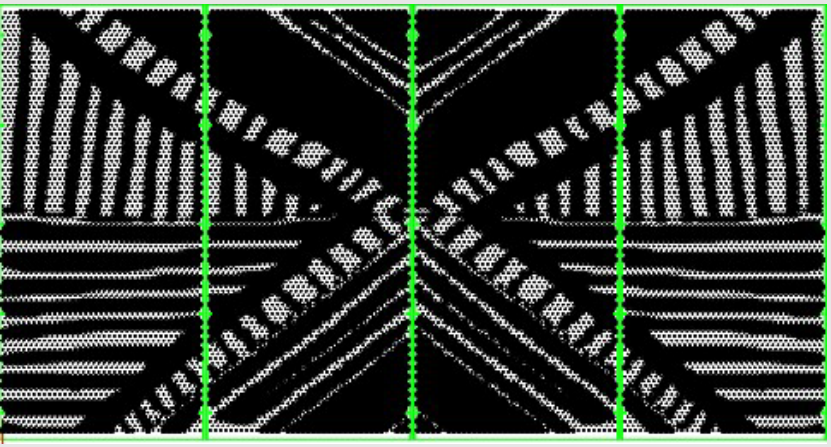
The Los Angeles Chargers Headquarters and Training Facility is a showcase of innovative architecture and functionality, featuring Webforge Locker's Aurora Cassette System with perforated metal panels and integrated fins. Designed by Gensler, this advanced facade solution seamlessly blends performance, aesthetics, and adaptability.

**Sustainability and Design:** The Aurora system ensures optimised airflow management, maintaining ventilation efficiency and compliance with safety standards. The perforated panels also enhance energy performance while adding a striking visual element.

**Functional Enhancements:** The mechanical plant enclosure effectively conceals HVAC infrastructure, creating a streamlined and cohesive architectural appearance. Additionally, the customisable design options allow for unique facade enhancements, aligning with the Chargers' state-of-the-art facility.

**Impactful Outcomes:** Integrated dynamic signage fins create captivating visual effects, engaging viewers as they move around the building. The Aurora Cassette System delivers a facade that is both functional and visually impactful, proving how Webforge Locker's innovative solutions can elevate modern sports and training facilities.





# Truganina Community Centre
# Victoria, Australia

Product: Pic Perf®

Artist: Lisa Waup

The Truganina Community Centre stands as a testament to the power of art, culture, and connection, with its striking Pic Perf® facade bringing First Nations artist Lisa Waup's vision to life. Designed to symbolize unity and shared experiences, this artwork has been transformed into a durable perforated metal feature, seamlessly integrating art into architecture.

**Sustainability and Design:** Pic Perf® is crafted using recyclable metal, ensuring longevity and environmental responsibility. This innovative technology allows intricate designs to be punched into metal, creating a visually stunning, never fading, yet highly functional facade.

**Functional Enhancements:** Beyond aesthetics, the perforated panels provide natural ventilation, solar shading, and durability, making them ideal for high-traffic community spaces. The facade serves as both a visual landmark and a functional design element for the centre.

**Impactful Outcomes:** The Truganina Community Centre will host programs, events, and essential services, fostering connection and engagement for local residents. Webforge Locker's Pic Perf® technology has helped bring artwork to life, ensuring it remains a lasting part of the community's identity.

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