

ALUMINIUM RAMPS

STAIRS & RAMPS

- STAR ALUMINIUM RAMPS ARE ENGINEERED TO PROVIDE SAFE, STABLE AND COMPLIANT ACCESS BETWEEN VARYING GROUND LEVELS ACROSS CONSTRUCTION, INDUSTRIAL AND MAINTENANCE ENVIRONMENTS.
- ROBUST STRUCTURAL DESIGN SUPPORTS REGULAR PEDESTRIAN TRAFFIC AND SITE USE WITHOUT COMPROMISING STABILITY.
- DESIGNED TO SUPPORT DEMANDING SITE CONDITIONS WHILE MAINTAINING EASE OF HANDLING AND INSTALLATION.
- BACKED BY A LIFETIME STRUCTURAL WARRANTY.



SCAN ME FOR MORE

1999
ESTD

AUSTRALIAN
OWNED & OPERATED

27+
YEARS IN
BUSINESS

STRUCTURAL
LIFETIME WARRANTY

MANUFACTURED
TO AS/NZS STANDARDS

CUSTOM DESIGN
AVAILABLE

ISO 9001:2015
CERTIFIED





The Caulfield Racecourse engaged Star Aluminium to deliver a safe and compliant public access solution as part of an upgrade to pedestrian infrastructure connecting Glen Huntly Park to the racecourse precinct. Having previously worked with Star Aluminium, the group at Caulfield Racecourse returned based on positive prior experience and confidence in the performance of the systems supplied.

PROJECT USE-CASES

THE CAULFIELD RACECOURSE RESERVE

PROJECT FOCUS

The project focused on delivering a new public access solution to safely connect Glen Huntly Park with the Caulfield Racecourse precinct. Star Aluminium was engaged to design and supply a compliant pedestrian stair and ramp system suited to high public use and varying foot traffic conditions.

Key objectives included:

- ✘ Providing safe, stable access for pedestrians entering and exiting the racecourse precinct.
- ✘ Supporting daily public movement as well as increased foot traffic during major events.
- ✘ Delivering a durable access solution suitable for outdoor, public environments.
- ✘ Integrating the new access route seamlessly into the surrounding park and racecourse layout.



THE COMMERCIAL ADVANTAGE

The newly installed stair and ramp access system delivers long-term benefits for the reserve, racecourse and the wider community:

- ✘ Public safety is enhanced through stable, compliant and clearly defined access paths.
- ✘ The durable aluminium construction offers long-term reliability in a high-use outdoor environment.
- ✘ Improved pedestrian flow supports both everyday park use and peak event attendance.
- ✘ The new access solution improves overall usability for staff, visitors and the general public.
- ✘ The precinct now benefits from a purpose-built access route designed for ongoing public use.

THE ENGINEERED SOLUTION

Star Aluminium worked closely with the client from the initial consultation through to design and installation. A site meeting was conducted to assess access requirements, pedestrian flow and site constraints.

- ✘ A new aluminium public access stair and ramp system was engineered to provide safe, compliant pedestrian movement.
- ✘ Aluminium construction was selected for its durability, corrosion resistance and low maintenance requirements.
- ✘ Ramp access was incorporated to ensure a smooth, inclusive transition between differing pathway levels.
- ✘ The system was designed to suit the site conditions while maintaining clear sightlines and user safety.
- ✘ The completed access route provides a reliable connection between Glen Huntly Park and the racecourse precinct.



In 2022, a construction contractor delivering a time-critical project required a compliant ramp access solution within a short lead time. The project demanded safe, reliable access to support ongoing works while final construction activities were completed. Star Aluminium was engaged to design, manufacture and deliver a ramp solution within a compressed program.

PROJECT USE-CASES

CONSTRUCTION PROJECT

PROJECT FOCUS

The project focused on providing temporary ramp access that could be deployed quickly without compromising safety or compliance. Key requirements included:

- ⊗ Rapid turnaround from design to installation.
- ⊗ Safe and compliant ramp access for personnel and equipment.
- ⊗ A solution suited to active construction conditions.
- ⊗ Minimal disruption to the project's critical completion phase.
- ⊗ Capable of using heavy machinery up to 3 tonne.



THE ENGINEERED SOLUTION

Star Aluminium designed, certified, manufactured and installed two aluminium ramp systems tailored to the site requirements:

- ⊗ Modular aluminium ramps were configured to suit the required access heights and site layout.
- ⊗ Slip-resistant checker-plate decking provided a secure footing during use.
- ⊗ Robust construction ensured the ramps could withstand ongoing site traffic.
- ⊗ The systems were delivered and installed within the required timeframe to support uninterrupted project works.

THE COMMERCIAL ADVANTAGE

The ramp installation delivered clear benefits for the construction project:

- ⊗ Safe access was maintained without delaying project completion.
- ⊗ Short lead-time delivery reduced the need for temporary or improvised access solutions.
- ⊗ Certified and compliant ramp systems supported site safety obligations.
- ⊗ Durable aluminium construction allowed the ramps to be reused on future projects.