



moddex®

Swinburne Senior Secondary College

Case Study



Moddex's biggest Ezibilt™ project to date

Access and safety were non-negotiable for this new two-level sports centre at Fritsch Holzer Stadium in Hawthorn, Victoria. Pre-engineered Moddex Ezibilt™ ramp and balustrade solutions ensure the safety of students and spectators while keeping the building and site easy to traverse.

LOCATION

VIC

CLIENT

SJ Higgins

INDUSTRY

Education



PROJECT OVERVIEW

Swinburne Senior Secondary College's \$9 million sports centre at Fritsch Holzer Stadium houses competition-grade courts upstairs, ground-floor amenities and a viewing deck over the upgraded AFL oval. Designed by N2SH Design Studio with accessibility as the focus, the project called for circulation routes that would be safe, compliant and durable for daily school use and broader community events.

THE CHALLENGE

Site surveys showed ground conditions weren't suited for deep footings, yet the brief called for three stairways and ramps rising to four metres. The program was tight, and the construction team – led by contractor SJ Higgins – needed fully certified barrier and access systems that would install quickly without heavy plant or extensive on-site fabrication.

THE MODDEX SOLUTION

Working with SJ Higgins, Moddex delivered 470m of handrails to support the 170sqm of access ramps and stairways. Conventional ramps and stairs would have meant deep footings, longer cure times and more disruption. However the Moddex Ezibilt™ system offered a different path: pre-engineered aluminium modules delivered pre-configured, in site-specific assemblies, ready to mount directly to in situ concrete slabs and raised into place, eliminating the need for heavy equipment, specialised tools or welding on site. Installation finished 40% faster than a traditional handrail and ramp solution, keeping the overall build on schedule.

To maximise safety, the ramps were paired with Assistrail® Disability Handrails and Conectabal® Commercial Balustrades, specifically engineered for public spaces. Each product is pre-certified to high safety load ratings and compliance for fall

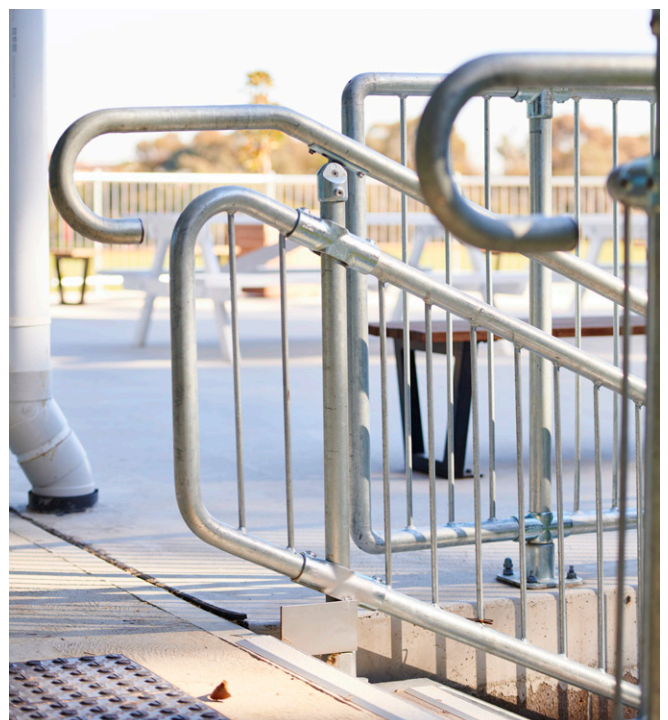


prevention, so the architect and builder received Regulation 126 documentation before anything was even put together, eliminating compliance guesswork and smoothing the approval path.

WHAT IS EZIBILT™?

Ezibilt™ is Moddex's pre-engineered ramp, walkway and stair system, purpose built for applications that need guaranteed compliance without a long, messy build. Key advantages include:

- Pre-engineered and certified to meet AS1428.1, AS1170.1, NCC/BCA and NZS 4121
- Clearly labelled site-specific assemblies for crews to assemble with no on-site welding
- Re-configurable, allowing future extensions or layout changes without starting from scratch





To learn more about our products and specification services, get in touch with our team of experts.

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Moddex is Australasia's leading supplier and manufacturer of innovative and pre-fabricated handrail, barrier and access systems. Pre-engineered for guaranteed compliance, their proprietary systems are load tested and configured to Australian and New Zealand Standards and Building Codes.

Moddex is committed to finding 'a better way', making it their mission to search for better solutions to the unique challenges of construction projects. Through their collaborations with designers and asset owners, Moddex continues to innovate its product portfolio in line with the company's vision to create pathways in work and in life.

All information provided correct as of July 2025

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