



Industrial Warehouses & Distribution Centres

Industry Mini Guide Series

INDUSTRIAL SECTOR

Logistics | Manufacturing | Processing | Fabrication | Heavy Industry

moddex[®]
EVERYTHING FITS



INTRODUCTION

Step inside the realm of industrial warehouses, distribution centres, factories, and workshops with Moddex - thriving hubs of productivity, purpose and people.

Industrial facilities are subject to strict safety regulations and building codes. Designing structures that meet safety standards while providing a productive work environment requires careful attention to detail. Central to this topic is the role of handrails, balustrades and safety barriers in protecting personnel from potential hazards such as falls, injuries, or machinery accidents.

Working at heights is a high-risk activity, and is still one of the leading cause of death and serious injury in Australia.¹

Recent research for Safe Work Australia, reveals that Australia's economy would be \$28.6 billion larger each year and 185,500 more jobs would be created in the absence of work-related injuries and illnesses.²

Whilst implementing safe operational procedures is essential to mitigate workplace falls, incidents and injuries, the use of compliant industrial handrails and balustrades at mezzanines, stairs, service platforms, walkways and fall edges is mandatory to provide compliant protection for employees, employers, and visitors, under AS 1657:2018 and NZS 1657:1992.

With years of R&D invested into each modular configuration, Moddex's modular barrier systems are pre-engineered for 100% up-to-date compliance, industrial-grade durability, replaceability and easy modification.

Supplied with compliance documentation and downloadable as NATSPEC, MASTERSPEC and Revit files from our BIM library, Moddex systems are ready to be used in your design, giving peace of mind and certainty that every turn is up to code and keeping your site safer.

With Moddex, everything fits.

¹ [Safe Work Australia. "Key work health and safety statistics Australia 2022." SWA.](#)

² [Safe Work Australia. Safer, healthier, wealthier: The economic value of reducing work-related injuries and illnesses – technical report.](#)



PROJECT SPOTLIGHT

OZ DESIGN WAREHOUSE

Location: Rouse Hill, Sydney, NSW

Client: Full Tilt Constructions

Products: Assistrail® – Disability Handrails AR45, AR150; Conectabal® – Commercial Balustrades CB10, CB20, CB30

Delivered to the site via flat pack delivery, Conectabal® balustrade configurations resolved all mezzanine compliance requirements – with handrails, mid rails and toeboards installed – eliminating site delays and temporary fencing costs.



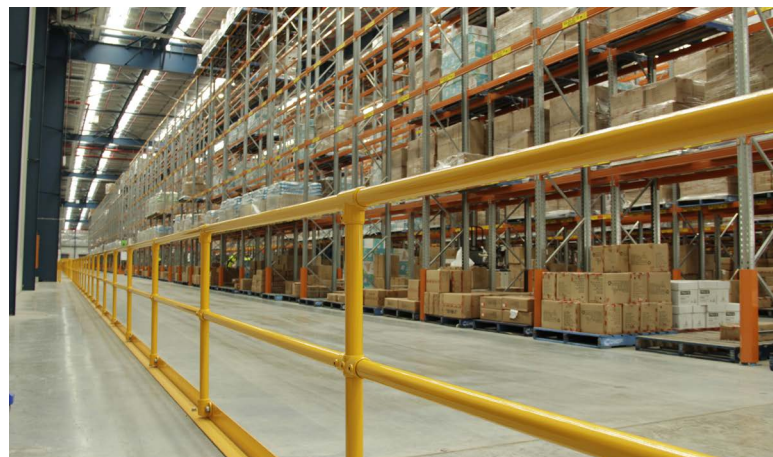
KMART DISTRIBUTION CENTRE

Location: Jandakot Airport, Perth, WA

Client: Kmart Australia Limited

Products: Tuffrail® Industrial Handrails TR20, TR25; Tuffgard® Toeboards

Moddex supplied industrial handrails with Tuffgard® Toeboard systems to this 96,000m² distribution centre including service platforms and pedestrian walkways, with technical and CAD support to guarantee compliance with Australian Standards – protecting employees from falling objects across elevated platforms, walkways and mezzanines.



FOODSTUFF NORTH ISLAND DISTRIBUTION CENTRE

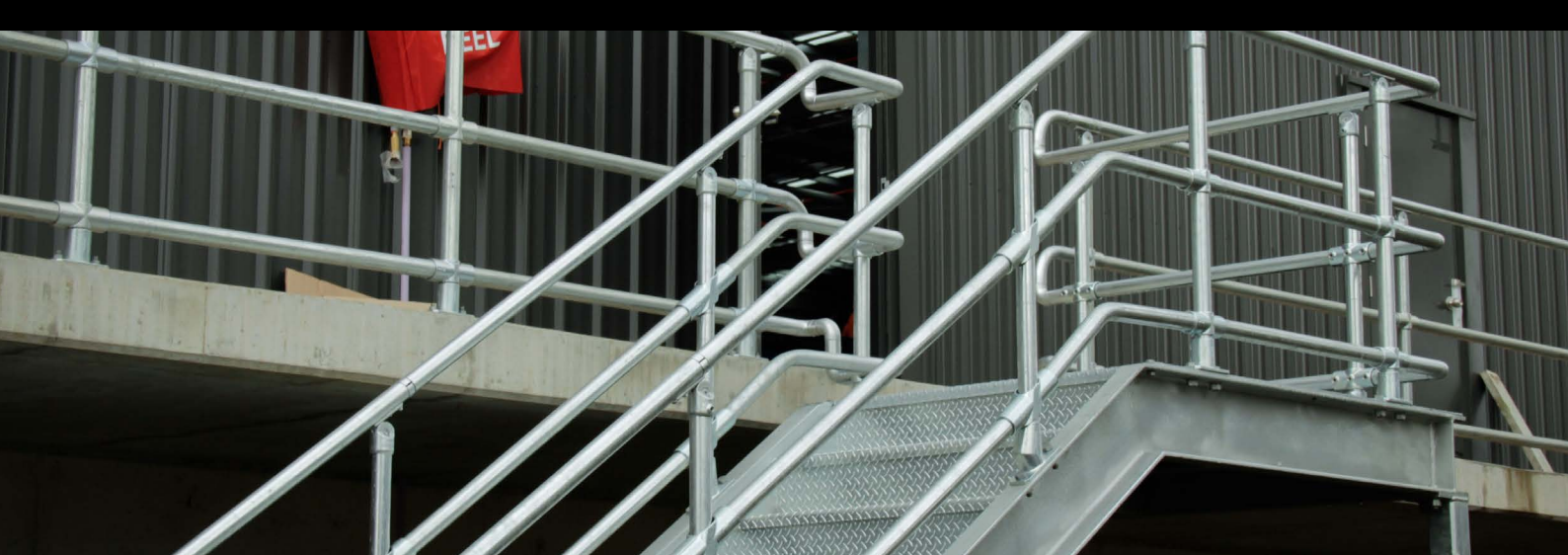
Location: Auckland, NZ

Clients: Eclipse Architecture Ltd & Macrennie Construction

Products: Assistrail® AR30, AR50, AR70, AR150; Conectabal® CB10; Tuffrail® TR20Y, TR25Y

By selecting Moddex, Eclipse Architecture streamlines the planning and design of this 65,000sq m grocery distribution centre, using Moddex's CAD files and readily available compliance documentation (PS1) for the specification of Assistrail®, Conectabal®, and Tuffrail®.





AUSTRALIA POST FACILITY VIC

Location: Melbourne, VIC

Client: Australia Post

Products: Tuffrail® TR20, TR25

Contributing to improved operational efficiency, safety and compliance adherence to AS1657:2018, more than 5000m of Moddex industrial handrails support the mezzanines, stairs, service platforms, and pedestrian walkways of this busy facility – reducing manual handling by 50% and the risk of workplace accidents.



ALDI DISTRIBUTION CENTRE

Location: Jandakot, WA

Client: Georgiou

Products: Assistrail® AR10, AR45, AR150; Conectabal® CB30; Tuffrail® TR20, TR30

Capable of supporting 70+ retail stores, Aldi's new 55,000sqm Distribution Centre features an extensive range of no-weld DDA and NCC compliant handrail and barrier configurations at internal and external stairs, warehouse, loading docks, office, disability and emergency access requirements.



WESTAR ISUZU'S TRUCK CENTRE

Location: Campbellfield, Melbourne, VIC

Client: Levanta

Products: Assistrail® AR150; Tuffrail® TR25

An excellent example of how Moddex's modular industrial handrails seamlessly adapt to industrial workplaces – providing critical safety at heights and turnkey compliance to suit the specific regulations for this commercial heavy vehicle workshop.





MODDEX SYSTEM RANGE



Assistrail® – Disability Handrails. Ensures that the public and mobility impaired or vision impaired can traverse your site safely and with ease.



Bridgerail™ – Bridge Barriers. Ensures balustrades on bridges can be specified and fitted effortlessly, with compliance guaranteed.



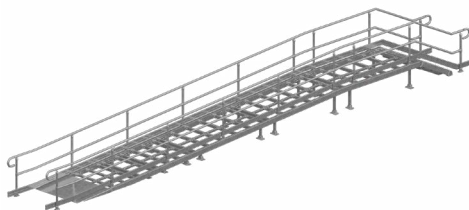
Conectabal® – Commercial Balustrades. Mitigates risk and prevent falls from height.



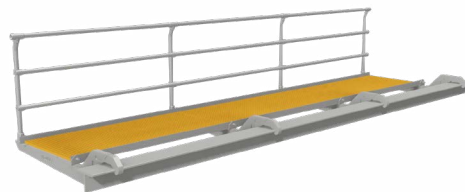
Tuffrail® – Industrial Handrails. Tough, corrosion-resistant handrails for use in areas where chemical fumes or sea spray could cause corrosion.



Bikesafe® – Disability Handrails. Ensures that the public and mobility impaired or vision impaired can traverse your site safely and with ease.



Ezibilt™ – Modular Ramp, Deck & Stair Solution. The ultimate pre-engineered modular solution for fast-tracked construction of accessibility stairs, ramps and decks.



KlipTread™ – Clip-On Walkway & Handrail System. A pre-engineered, clip-on walkway and handrail system specially designed for bridge infrastructure.

ABOUT MODDEX

Moddex is Australasia's leading manufacturer of modular, no-weld, hot dip galvanised barrier systems for industrial, commercial and non-residential construction projects.

Pre-engineered for structural integrity, all proprietary systems by Moddex are load tested and configured to Australian and New Zealand Standards (AS/NZS), Workplace Health and Safety guidelines (WHS/OSH), Australia's National Construction Code (NCC/BCA) and the New Zealand Building Code (NZBC).



With Moddex, Everything Fits™.

We operate nationwide in Australia and New Zealand for design, supply, installation, delivery and advice.

Whether you need tender support or technical or compliance advice, we're here for you in Brisbane, Sydney, Canberra, Melbourne, Hobart, Adelaide, Perth, Darwin, Auckland and Christchurch.

Call Moddex's main sales office on 1800 663 339 (Australia) or 0800 663 339 (New Zealand).

www.moddex.com

All information provided is correct as of April 2024