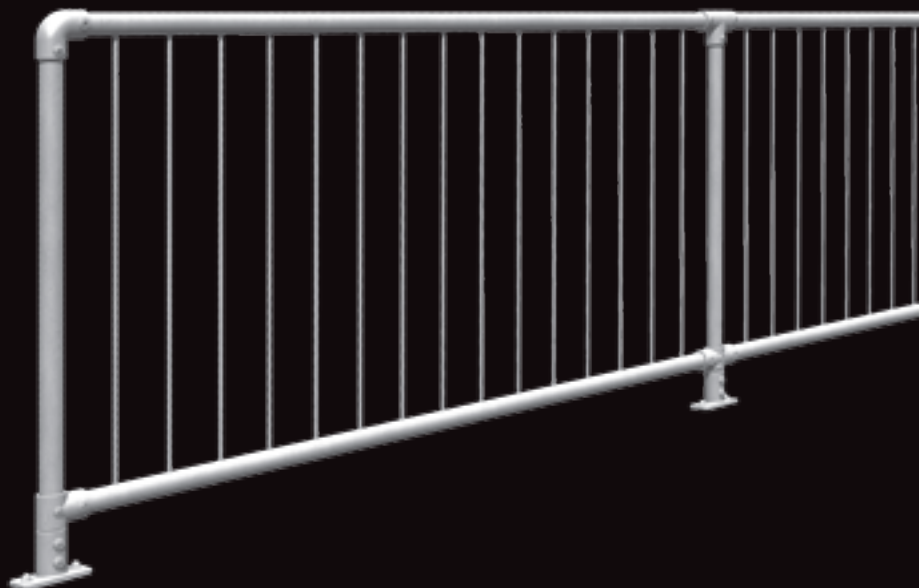




No-Weld Handrail & Balustrade Systems



WHY MODDEX

Moddex Systems is an Australian company manufacturing and supplying modular, no-weld handrail, balustrade, barrier and guardrail solutions nationally. Moddex modular systems offer revolutionary advantages to all industries requiring handrails or barriers to ensure the safety of people and the protection of property.

NO-WELD SYSTEMS

- Unlike traditional balustrading and handrailing, Moddex systems require no onsite welding or shutdowns for installation due to safety reasons
- Because no hot works permits are required and no toxic galvanisation fumes are generated, fire spotters are not needed during installation
- Unlike conventional systems, risk of corrosion at the weld area is reduced, as the galvanised surface is not burnt off by welding
- Handrails, balustrades and guardrails can be installed by non-specialist trades while ensuring structural integrity and compliant installation
- No touch up painting required

MODULAR INNOVATION

Moddex's driving force is to deliver flexible, robust, cost effective and easy to install systems that simplify the installation of handrails, balustrades and guardrails in all environments and for a broad range of applications.

- All systems designed for modular assembly and rapid, streamlined onsite installation
- Delivered in ready to assemble, kit form packaging
- Fabrication time eliminated with pre-engineered designs, offering unlimited configurations

Download brochures, configurations, drawings and images at:
www.moddex.com.au/downloads

WHAT OUR CUSTOMERS ARE SAYING

"We were pleasantly surprised at the ease and speed of installation. The fact that there is no need for welding with the Moddex products results in a safer environment for our guys and for the students in the school environment where we undertake our projects. We have estimated that we have saved approximately 30% on our normal installation costs due to the fact that we can use and manage our non-specialist trades. We would certainly look at using the product in future projects."

Construction Manager

NO ONSITE WELDING



Built Modular™

No-Weld Handrail & Balustrade Systems

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Assistrail	4 - 11
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PROPRIETARY SYSTEMS



READY TO INSTALL



SAFE, RAPID ASSEMBLY





Configuration - Type AR120



The Assistrail AS 1428.1-2009 compliant range of handrails is a complete solution to the ever increasing emphasis placed on ease of access for persons with disability.

A range of configurations suitable for stairs, ramps and walkways meet all Disability Discrimination Act (DDA) requirements and Building Regulations.

The modular range meets any handrail applications for new construction projects but the system is also ideally used as a retrofit solution for upgrades to existing buildings. Due to Assistrail's add-on components, a new handrail can be added onto an existing railing system to ensure compliance with the Standards is undertaken rapidly, easily and cost effectively.

WHY ASSISTRAIL

- Smooth, streamlined handrails
- Flush connection components
- Suits ramps, stairs and other applications
- No site welding, no toxic fumes
- Unlimited and versatile configurations
- Can be supplied in a range of paint finishes to suit application

Extract of AS 1428.1-2009

10.3 (i) Ramps and intermediate landings shall have kerb rails on both sides that comply with the following:

- (i) The minimum height above the finished floor shall be 65mm.
- (ii) The height of the top of the kerb or kerb rail shall not be within the range 75mm to 150mm above the finished floor.
- (iii) There shall be no longitudinal gap or slot greater than 20mm in the kerb or kerb rail within the range 75mm to 150mm above the finished floor.



Configuration - Type AR150 & AR10



Configuration - Type AR10

Assistrail™

EASILY CONFIGURED TO SUIT ANY APPLICATION

- Access ramps and stairs
- Schools and universities
- Aged care and residential facilities
- Shopping centres
- Hospitals and medical facilities
- Community and sports centres
- Public places of interest
- Transport access

Extract of AS 1428.1-2009

12.0 The design and construction of handrails shall comply with the following:

(b) The cross-section of handrails shall be circular or elliptical, not less than 30 mm or greater than 50 mm in height or width for not less than 270° around the uppermost surface

(d) The top of handrails shall be not less than 865 mm nor more than 1000 mm above the nosing of stairway tread or the plane of the finished floor of the walkway, ramp or landing.

(e) The height of the top of the handrail, measured in accordance with Item (d), shall be consistent through the ramp (or stairs) and any landings.

(f) If a balustrade is required at a height greater than the handrail, both shall be provided.

(g) Handrails shall be securely fixed and rigid, and their ends shall be turned through a total of 180°, or to the ground, or returned fully to end post or wall face.

(h) The clearance between a handrail and an adjacent wall surface or other obstruction shall be not less than 50 mm. This clearance shall extend above the top of the handrail by not less than 600 mm.

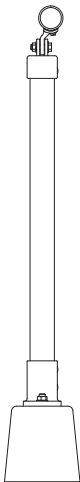
(i) Handrails shall have no obstruction to the passage of a hand along the rail.

(j) The inside handrail at landings shall always be continuous.



Configuration - Type AR120

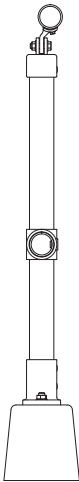
Type AR10



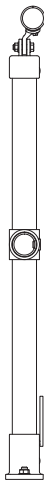
Type AR20



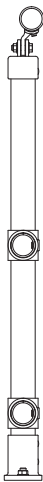
Type AR30



Type AR40



Type AR45



Not for Ramps

Assistrail™ Configurations

Moddex design and fabrication simplifies the selection process for your disability handrails.

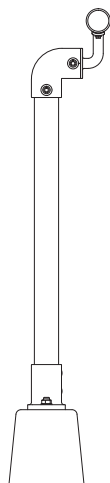
Pictured are most of the commonly required configurations.

SAMPLE CONFIGURATIONS

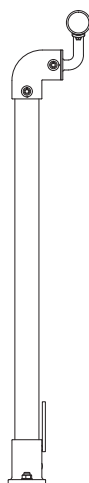
- For single inline rail - Type AR10
- For a handrail with two offset rails mounted to a kerb for a primary school project - Type AR110

If you can't find the configuration required please call us on **1800 663 339** to discuss options.

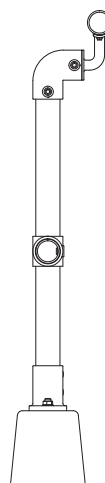
Type AR50



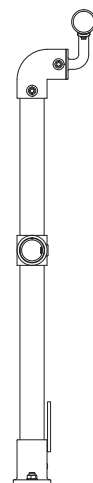
Type AR60



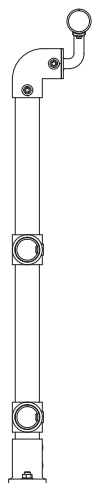
Type AR70



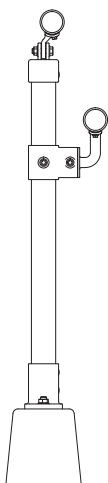
Type AR80



Type AR85



Type AR90



Type AR100



Type AR105



Not for Ramps



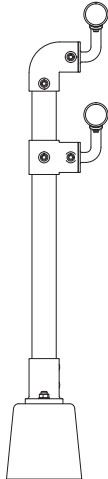
Not for Ramps



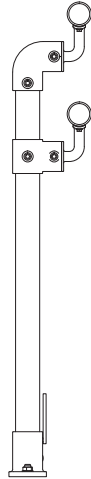
Configuration - Type AR140



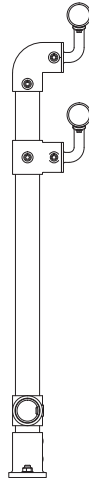
Type AR110



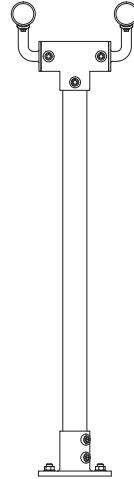
Type AR120



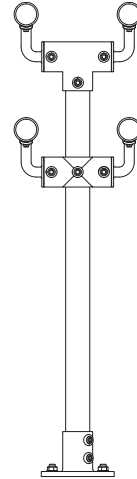
Type AR125



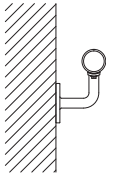
Type AR130



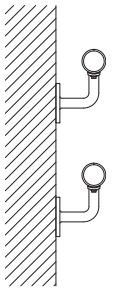
Type AR140



Type AR150



Type AR160



Not for Ramps



Configuration - Type BS40



BikeSafe modular galvanised bikeway barriers are designed to meet all safety and Austroads requirements.

On bridges with a footway, expected to carry a large number of cyclists, the footway acting as a bikeway requires bicycle safety rails.

Compliant bicycle safety rails are required to prevent cyclists from snagging their handlebars or pedals on the bridge barriers.

Configured as balustrade and rail, or simply stanchion and rail, depending on the application, Bikesafe is constructed from hot dip galvanised steel providing maximum strength, cost efficiency and longevity.

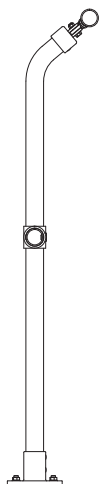
WHY BIKESAFE

- Eliminates design and fabrication time
 - Pre-engineered designs ensure structural integrity
 - Unlimited configurations
 - No onsite welding, toxic fumes
 - Ease of installation
- Complies with Australian Standards
- Range of paint finishes to suit application
- Stainless steel, anti vibration locking screws

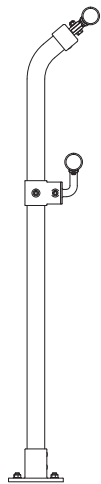
Extract of Austroads GTEP Part 14 Bicycles

7.6.2 As a key objective of fences constructed in close proximity to bicycle lane or path facilities, cyclists (and their bicycles) should be able to brush against fences at speed and not be injured or 'caught' as a result.

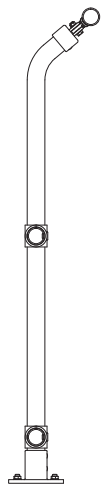
Type BS20



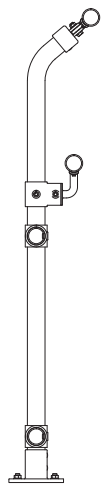
Type BS25



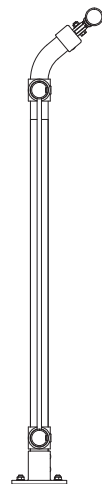
Type BS30



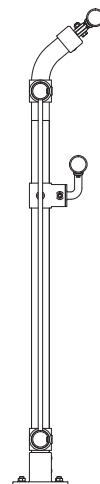
Type BS35



Type BS40



Type BS45



Bikesafe® Configurations

Moddex modular design and fabrication simplifies the selection of your bikeway safety barrier.

SAMPLE CONFIGURATIONS

- BS20 - Standard stanchion & rail bikeway barrier where requirement for general bike deflecting barrier required
- BS25 - Standard bikeway barrier with additional handrail (AS1428 compliant)
- BS30 - Standard bikeway barrier with extra horizontal rail to reduce the size of openings
- BS35 - Standard bikeway barrier with reduced openings & additional handrail (AS1428 compliant)
- BS40 - Balustrade bikeway barrier for aesthetics and/or the barrier is 1 metre above lower ground level and BCA requirements must be complied with
- BS45 - Balustrade bikeway barrier with additional handrail (AS1428 compliant)

If you can't find the configuration required please call us on **1800 663 339** to discuss options.

Configuration - Type BS20



Configuration - Type BS40



Configuration - Type CB10



CONECTABAL[™]

BALUSTRADE SYSTEMS

Conectabal is a commercial balustrade and handrail system which combines strength, durability and versatility, enabling it to be used in a wide variety of applications.

Constructed from solid steel and fully galvanised, the unique modular design provides maximum strength, ease of installation, cost efficiency and longevity.

Stainless steel, anti-vibration locking screws give the ultimate confidence in a modular system designed by Moddex to be **SAFE, FAST and EASY!**

WHY CONECTABAL

- Unlimited configurations to suit any application
- No onsite welding, ensuring safety of tradespersons
 - Rapid, streamlined installation
- Australian Standards and NCC/BCA compliant
 - Pre-engineered and tested designs ensure structural integrity
- Supplied in a range of paint finishes to suit your application
 - Eliminate design and fabrication time
 - Flat packed, lower lead times
- Non corrosive and minimal maintenance
 - Tamper and theft proof

Configuration - Type CB10



Configuration - Type CB30

Conectabal™

EASILY CONFIGURED TO SUIT ANY APPLICATION

- Retaining walls
- Footbridges
- Public housing projects
- Viewing platforms
- Back of house applications
- Access ramps

Conectabal™ Configurations

Moddex design and fabrication has made selection of your balustrade as easy as possible.

- Type CB10 Standard balustrade
- Type CB20 Standard balustrade with kick plate (complies with AS1657 at 2m + drop height)
- Type CB30/35 Balustrade with one smooth inline handrail (complies with AS1428)
- Type CB40/45 Balustrade with one smooth offset handrail (complies with AS1428)
- Type CB50/55 Balustrade with two smooth offset handrails (complies with AS1428 and BCA requirements for primary schools)
- Type CB60/65 Balustrade with two smooth handrails, 1 inline & 1 offset (complies with AS1428 and NCC/BCA requirements for primary schools)

Conectabal configurations available in:

- Standard - 12mm Balusters
- Heavy Duty - 16mm Balusters



Configuration - Type CB10

Configuration - Type CB45



Configuration - Type CB30

Conectabal™ Assist

The **Conectabal** balustrade system can be configured in a number of ways to ensure compliance with access and mobility standard AS 1428.1-2009, DDA and the NCC/BCA requirements for Primary Schools.

See following pages for configuration options meeting all relevant standards and regulatory requirements.

Extract of AS 1428.1-2009

6.1(i) Handrails shall be constructed and fixed so that there is no obstruction to the passage of a hand along the rail.

Extract of BCA - Building Code of Australia

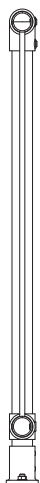
D2.17 Handrails

- (a)(iv) In a Class 9b building used as a primary school
 - (a) have one handrail fixed at a height of not less than 865mm; and
 - (b) have a second handrail fixed at a height between 665mm and 750mm



Configuration - Type CB55

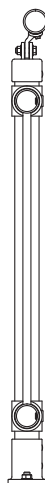
Type CB10



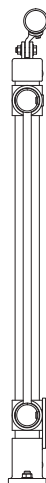
Type CB20



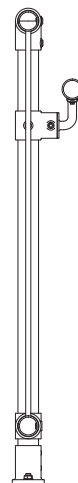
Type CB30



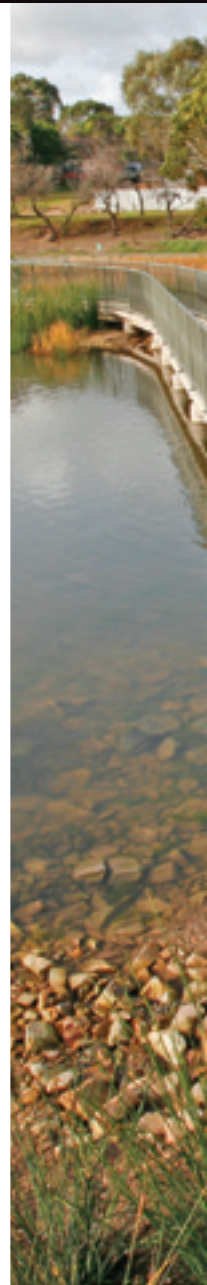
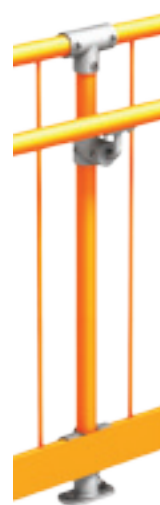
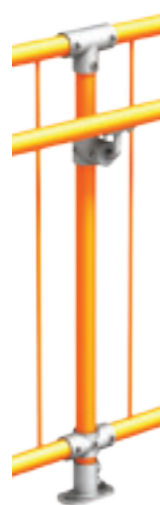
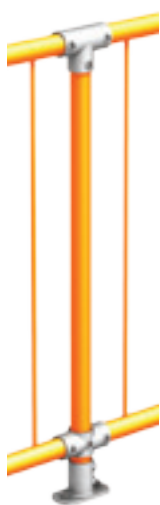
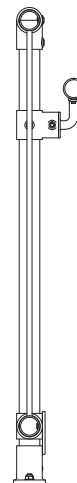
Type CB35



Type CB40



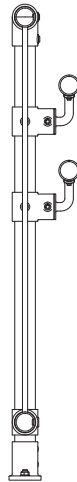
Type CB45



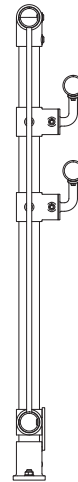


Configuration - Type CB10 Wave (Powder Coated)

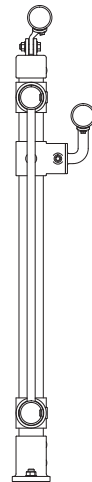
Type CB50



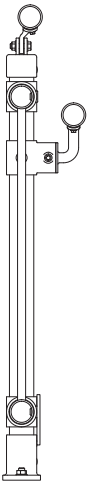
Type CB55



Type CB60



Type CB65





Configuration - Type SS20



SAFESTOP™

PEDESTRIAN BARRIERS

Safestop pedestrian and industrial barrier systems provide protection to valuable plant and equipment and a controlled barrier for workmen undertaking activity in the area as well as guiding pedestrians to avoid hazardous areas.

For workzone applications, Safestop barrier systems can be deployed as clear channelling devices or site delineation areas to safeguard valuable factory floor space.

The pre-coated tubular sections are constructed of structural steel and are available in 2 metre plug and play modules. Prestocking of standard components allows immediate installation without the necessity of expensive and constrictive shutdowns.

WHY SAFESTOP

- Eliminates design and fabrication time
- Suits all industrial and pedestrian barrier applications
 - Powdercoated in safety yellow (Y14)
 - No onsite welding, reducing safety hazards
- Kit form ready and flat packed for cost effective delivery
 - Easy, rapid and safe installation
- Eliminates possibility of corrosion, maintenance free
 - Complies with Australian Standards

Extract of AS 1657-1992

3.2.1.1 Continuous guardrailling complying with clause 3.4 shall be provided on the sides and ends of all platforms and walkways, except at points of access from a stairway or ladder, or where there is a permanent structure not more than 100mm distance from the edge of the platform or walkway which will give protection equal to or greater than that prescribed in clause 3.4.

Configuration - Type SS30



Configuration - Type SS20

Safestop™

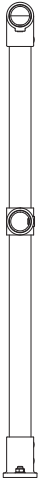
Safestop pedestrian and industrial barriers deliver a versatile people and equipment protection system in limitless applications.

EASILY CONFIGURED TO SUIT VARIED APPLICATIONS

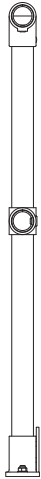
- Protection area around dangerous equipment
- Entry barrier to hazardous chemicals
- Designated safe access routes in factory floors
- No-go zones in delivery and loading docks
- Varied mining site workzone markers
- Protection of roof service equipment
- Manhole and pit surrounds

Self closing gates, fork entry points and heavy duty forklift protection system available.

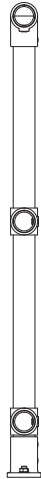
Type SS20



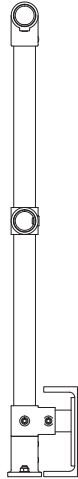
Type SS25



Type SS30



Type SS40



Self Closing
Gate
Part Code
SS202



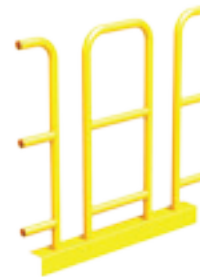
Self Closing
Gate
Part Code
SS203



Fork Entry
Points
Part Code
SS212



Fork Entry
Points
Part Code
SS213



Configuration - Type SS20



Configuration - Type TR20



TUFFRAIL®

HANDRAILS AND GUARDRAILS

The Tuffrail handrail and guardrail systems are extremely versatile, heavy duty and suitable for use in a wide variety of commercial and industrial applications.

The culmination of extensive innovation, engineering and testing, Tuffrail is a durable and user friendly system offering many safety and cost saving benefits at the point of installation.

WHY TUFFRAIL

- Independently load tested to AS1657
 - No onsite welding/hot works permits required
 - Significant cost savings over conventional systems
- Reduced safety risk for installer/public
- Reduced risk of corrosion, as galvanised surface not burnt off by welding
- Unlimited uses and configurations
 - Supplied in range of paint finishes to suit application
 - Product not suitable for DDA compliant installations. (See Assistrail for DDA compliant range)



Configuration - Type TR20

Configuration - Type TR25



Configuration - Type TR20

Tuffrail®

PEDESTRIAN HANDRAILS

Tuffrail pedestrian handrails and balustrades offer a versatile, robust system for use in a wide variety of applications to protect the public.

EASILY CONFIGURED TO SUIT ANY APPLICATION

- Pedestrian footpaths in public areas
- Warehouses, mezzanine floors, loading docks
 - Carparks and shopping centres
- Bridge abutments, culverts and retaining walls
- Service platforms and stairs
- Roof service areas
- Airports and community service access areas

Configuration - Type TR25



Configuration - Type TR20 Stairs & TR25 Platform

Tuffrail® INDUSTRIAL GUARDRAILS

Beyond the broad applications of Tuffrail within public areas, additional benefits are identified in the areas of a building not readily seen that require robust people protection.

EASILY CONFIGURED TO SUIT ANY INDUSTRIAL APPLICATION

- Roof service areas
- Overhead catwalks
- Service platforms and stairs
- Warehouses
- Mezzanine floors
- Loading docks

Extract of AS 1657-1992

3.2.1.1 Continuous guardrailing complying with clause 3.4 shall be provided on the sides and ends of all platforms and walkways, except at points of access from a stairway or ladder, or where there is a permanent structure not more than 100mm distance from the edge of the platform or walkway which will give protection equal to or greater than that prescribed in clause 3.4.



Configuration - Type TR20



Configuration - Type TR20 Stairs & TR25 Platform

Tuffrail® Configurations

Moddex design and fabrication ensures ease in selecting your safety railing.

SAMPLE CONFIGURATIONS

- To extend height of an existing wall or protect perimeter of a sports field - Type TR10 (available in any height).
- For standard AS 1657 compliant handrails - Type TR20.
- For handrailing where extra protection is desirable - Type TR35.

If you can't find the configuration required please call us on 1800 663 339 to discuss options.

Extract of AS 1657-1992

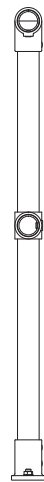
3.2.1.2 A toe-board complying with Clause 3.4.3 shall be provided at the edge of a platform, walkway, or landing, which is greater than 10mm distant from a permanent structure and where an object could fall more than 2000mm.

3.4.3 The toe-board shall be firmly attached to the floor or posts, and any gap between the toe-board and the floor shall not exceed 10mm. The top of the toe-board shall be not less than 100mm above the top of the floor.

Type TR10



Type TR20



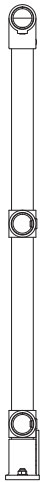
Type TR25



Type TR30



Type TR35







Ezibilt commercial and industrial trolley bay systems ensure the full protection of pedestrians and vehicles from trolleys when not in use.

Ezibilt systems are easily modified and extended dependent on application. The modular galvanised tubular sections are constructed of structural steel, combining strength, durability, versatility and cost efficiency.

Ezibilt trolley bays are available single or double sided to suit the needs of shopping complexes, airports and other similar outlets.

WHY EZIBILT

- Eliminates design and fabrication time
 - Pre-engineered designs ensure structural integrity
 - Fully modular, easy, rapid installation
- Unlimited configurations suit every application
 - No onsite welding, reducing safety hazards
 - Eliminates corrosion, reducing maintenance
 - Stainless steel, anti-vibration locking screws
- Easily repaired by in-house maintenance personnel.

EZIBILT SYSTEMS ARE EASILY MODIFIED AND EXTENDED DEPENDENT ON APPLICATION.

Mount Options



T - Top Mount (2 Fixings)

Concrete - using M12 x 120 stud anchors
Steel - using M16 hi-tensile galvanised bolts



T4 - Top Mount (4 Fixings)

Concrete - using M12 x 120 stud anchors
Steel - using M16 hi-tensile galvanised bolts



F - Face Mount (2 Fixings)

Steel - using M16 hi-tensile galvanised bolts
Concrete - using M12 x 120 stud anchors



CL - Channel Mount (2 Fixings)

Steel - using M16 hi-tensile galvanised bolts



FM - Face Mount (Timber Sleeper)

Using M10 x 75 galvanised coach bolts (top)
and M16 x 100 cup bolts (bottom)



FC - Face Mount (Concrete)

Using M10 x 65 concrete anchors (top) and
M12 x 100 stud anchors (bottom)



GD - Inground Mount

As per engineers' specifications



CD - Cored Mount

Cored and grouted as per engineers' specifications

IMPORTANT

Fixing types, sizes & number per mount are recommendations only. Consequent selection & use remains the specifier's and/or installer's responsibility, taking into account the intended application, load ratings & actual conditions on the particular site. Refer manufacturer's recommendations & specifications, user manuals and engineers' specifications / recommendations.

Specification Summary - Generic



Designed to provide assisted access for persons with disability or requiring assurance.

Designed to comply with: Australian Standard AS1428.1-2009

Specification Code: AR 1000 Moddex Assistrail System



Designed to meet safety requirements for bikeways and paths providing safety for cyclists in hazardous locations.

Designed to comply with: Austroads GTEP Part 14 Bicycles

Specification Code: BS 2000 Moddex Bikesafe System



Designed to ensure absolute safety in public areas ensuring restricted access in hazardous locations. Can incorporate Assistrail System where required.

Designed to comply with: Australian Standard AS1428.1-2009 & AS1657-1992

Specification Code: CB 3000 Moddex Connectabal Balustrade System



Designed as a high strength barrier system protecting personnel from vehicle collision and falls from elevated areas. The safety yellow finish ensures high visibility within the location.

Designed to comply with: Australian Standard AS1657-1992

Specification Code: SS 4000 Moddex Safestop Pedestrian Barrier System



Designed as pedestrian barrier and guardrail systems to protect the public from hazardous locations in a wide variety of applications.

Designed to comply with: Australian Standard AS1657-1992

Specification Code: TR 5000 Moddex Tuffrail Barrier System



Designed to configure a range of modular forms and structures within the working load limits of the system.

Designed to comply with: Australian Standard dependent on structure configuration

Specification Code: EB 6000 Moddex Ezibilt Structures System

DIMENSIONS / Stanchion posts and rails - 40mm nominal bore tube / 48.3mm outside tube diameter.

MATERIAL / Stanchion posts, rails & balustrades manufactured from galvanised steel. Grade C200/AS4792 HDG300.

FINISH / Smooth finish galvanised or painted / powdercoated to suit desired application.

WARRANTY / Structural defect - 5 years from date of invoice (conditions apply).

How to Specify

SIMPLE STEPS TO SPECIFY MODDEX

STEP 1 > Determine best suited **configuration type**, based on application, site conditions and relevant building codes, Australian Standards & statutory OHS codes of practice/guidelines.

- Conectabal™ - (AS1657, NCC/BCA compliant)
- Conectabal™ Assist - (AS1428.1, AS1657, NCC/BCA & DDA compliant)
- Tuffrail™ - (AS1657, NCC/BCA compliant)
- Assistrail™ - (AS1428.1, NCC/BCA & DDA compliant)
- Bikesafe™ - (Austroads compliant)

STEP 2 > Determine best suited **mount type**, based on application, site conditions and relevant building codes, Australian standards & statutory OHS codes of practice/guidelines.

Base of stanchions or posts will be mount type
(T, T4, F, CL, FM, FC, GD, CD)

STEP 3 > Determine **finish**, based on application. Select most appropriate finish for the handrail or balustrade application.

- Do you require galvanised, powdercoated or paint system finish?
- If powdercoat/paint, what colour will suit the surrounds
- safety yellow, black, grey, etc?

STEP 4 > Link to NATSPEC branded worksections -
www.natspec.com.au/Products_Services/branded_ws.asp
and download the relevant branded section -
Worksection 0554 - to simplify the specification process.

(Branded worksections are technical word documents produced by NATSPEC, in conjunction with a Product Partner - ie Sayfa Systems, a Moddex representative. Branded worksections provide specifiers with an alternative to a generic worksection, where a particular product has been selected at the design stage and guidance is provided to the specification writer - eg configuration type, mount type, finish. More information can be found on NATSPEC at www.natspec.com.au).

ALTERNATIVELY

STEP 4 > Email **info@moddex.com.au** and request a comprehensive Moddex Specification Pack today or speak with one of our friendly experts on **1800 663 339**.

How to Order

SIMPLE STEPS TO ORDER MODDEX

STEP 1 > Identify correct system configuration code that you intend to purchase. (Go to **moddex.com.au** for configuration codes and information)

STEP 2 > Calculate the lineal metres you will require (allow extra for waste) in the following categories:

Level - 0° incline

Ramp - 1° to 11°

Stair - 30° to 45°

STEP 3 > Identify which mounting option you will require.

T - Top Mount (2 Fixings)

T4 - Top Mount (4 Fixings)

F - Face Mount (2 Fixings)

CL - Channel Mount (2 Fixings)

FM - Face Mount (Timber Sleeper)

FC - Face Mount (Concrete)

GD - Inground (Mount)

CD - Cored (Mount)

STEP 4 > Document all information, including delivery and payment details.

STEP 5 > Place the order:

Call 1800 663 339

Fax 1800 663 444

Email sales@moddex.com.au

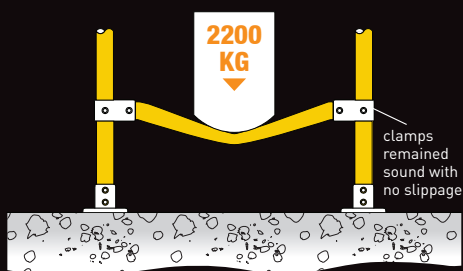
STEP 6 > A Moddex team member will contact you shortly to confirm your order details for prompt delivery.

Commitment to Testing

Moddex commissioned a stringent series of tests by approved testing agencies in Australia and the United Kingdom, which highlight how the system exceeds the high standards demanded by engineers. For full details of all testing, please contact us.

LOAD TEST #1 - Integrity within a structure

Under an extreme load test of 2.2 tonnes, the Moddex fittings remained strong and sound, while a section of standard 48mm diameter pipe rail within the assembly collapsed. A load of 2.2 tonnes was recorded without evidence of any slippage.



LOAD TEST #2 - Push-through integrity

Under vertical load testing, the Moddex fitting was tested to 1.1 tonnes before any slippage was detected. The test assembly consisted of a 600mm vertical section of 48mm diameter pipe connected to a 119-D48 clamp. A load of 1.1 tonnes was recorded without evidence of any slippage.



VIBRATION TEST - Vibration of assemblies

Stringent vibration endurance tests were performed utilising sample clamps by an independent testing authority, to evaluate the vibration resistance of the stainless steel locking set-screws. No signs of loosening of any of the stainless steel set-screws occurred.

In all tests, the assembly was subjected to a Resonance Search followed by 6 hour Resonance Dwells as shown below:

Axis	Frequency (Hz)	Level (g)
X	73.33	12.42
X	194.09	8.62
Y	96.10	25.00
Y	114.04	13.90
Y	122.42	1.68
Z	292.00	32.50
Z	202.00	5.28

MATERIALS COMPATIBILITY

Malleable iron, hot dip galvanised fitting and stainless steel locking screw.

Moddex fittings consist of hot-dip galvanised 'ductile' cast iron connector fittings and 410 S21 stainless steel locking screws, which are utilised to securely clamp hot-dip galvanised pipe. A qualified metallurgist report confirms that stainless steel locking screws are suitable for use with zinc-coated steel and iron components.

SALT WATER CORROSION TEST

Independent testing has been carried out to confirm the suitability of the Moddex system in maritime conditions. The results of fully and partially submerging locking screw components under the waterline for a period of 12 days revealed no indication of corrosion.

HEALTH BENEFITS OF THE MODDEX SYSTEM

As welding is not necessary in assembly, the Moddex system avoids the dangers of metal fume fever. Inhalation of zinc oxide fumes can occur when welding or cutting on galvanised metals.

The system has been tested by a NATA accredited laboratory to
Australian Standards AS 1657-1992



**Product Safety Type Approval
by TÜV Rheinland**

(Leading independent testing house in Europe)

Vandal Proof Options

Moddex anti-tamper/anti-vandal systems, limit damage in all applications, two options available.

Vandalstop™

Patented anti-tamper system.



Vandalstop™ clamps can be fitted with a simple, anti-vandal plug that, when inserted into set screws after assembly, prohibits tampering. The anti-vandal package includes brass anti-tamper plugs, applicator and removal tools.

Tampersafe™

Unique drive pattern.



Tampersafe™ incorporates a unique drive shape into the set screw preventing it from being easily loosened without the correct tool. All necessary tools supplied to drive shape into the set screw.

Inside Moddex

OUR MISSION

To transform the design, construction, maintenance and upgrade of infrastructure with innovative, modular, no-weld protection systems that deliver proven safety, sustainability and cost benefits in all environments.

OUR VISION

Moddex will be the preferred supplier across all targeted industries with nationwide recognition of our robust, cost effective, easy-to-install handrail and balustrade systems.

CUSTOMER CARE

We deliver on our commitments – no matter what it takes. We pride ourselves on our ongoing communication to ensure everyone is informed as to how projects and deliveries are progressing and are completely transparent in all we do. We know that a great team is the most important aspect of a great company. Each team member is handpicked because they share our values and passion for our customers.

PRODUCT RANGE

Our extensive range of disability handrails, pedestrian barriers, commercial and industrial balustrade and guardrail systems, bikeway barriers and modular structures is well suited to industrial, commercial and civil applications. All systems comply with Australian Standards, DDA (Disability Discrimination Act), NCC/BCA and OHS regulations.

PRODUCT INFORMATION

Moddex provides comprehensive product and system application information, including products brochure, configuration sheets, technical drawings/renders and installation manuals. Product details and galleries can be found at www.moddex.com.au. Moddex is specified and sold Australia wide through trusted and experienced organisations that can provide additional information to meet all your project needs.

SPECIFIED & SOLD AUSTRALIA WIDE

DISCLAIMER

All specifications and technical descriptions, recommendations and other information provided in this brochure are given as general guidance only and are subject to change without notice.

It is the responsibility of the persons specifying and/or installing any Moddex systems to ensure that both the product and the finished installation meet the specifications and requirements of the relevant Australian Standards and/or Building Codes.

Consequent selection of the right product for any particular use, remains the User's ultimate responsibility, taking into account the intended application and actual conditions existing on the particular worksite.

Moddex cannot be held responsible for any errors or omissions, nor any resultant loss or damage from the incorrect use or application of any Moddex system.



CALL 1800 663 339
FAX 1800 663 444
WEB moddex.com.au



SPECIFIED & SOLD AUSTRALIA WIDE