Key features
- Modular flexibility
- No-weld assembly
- Flat pack delivery
- Reduced corrosion
- Colour options
- Available ex-stock
- BIM & CAD Support

Applications suited to
- Retaining walls and carparks
- DDA access ramps and stairs
- Accommodation units
- Sporting facilities and stadiums
- Public transport and sightseeing
- Fire and access stairs
- Footbridges and culverts
- Loading bays and mezzanines
- Refer to applicable Aust Standards and Building Codes.

Specification Summary
Supply and install the proprietary CB10 barrier system to substrate according to Moddex specifications, or by a Moddex accredited installer.

Technical Data
Material
- Stanchions, rails & balustrades: Steel/gauge C250 & 350
- Clamp fittings: Malleable Cast iron
- Clamp locking screws: Stainless Steel (304)
- Protective coating: G390 Hot-dip Galvanize (min. 390g/m²)

Dimensions
- Variable depending on building/application/code

Stanchions
- Diameter: 48.3mm OD
- 41.9mm ID
- Nominal Thickness: 3.2mm - 4.0mm (loading dependent)

Rails
- Diameter: 48.3mm OD
- 41.9mm ID
- Nominal Thickness: 3.2mm

Balustrade
- Baluster: 12mm
- Baluster Centres: 100mm (88mm gap)
- Heavy Duty Baluster: 16mm
- Baluster Centres: 100mm (84mm gap)
- Custom Baluster spacings available on request to suit School Facility Standards (SFS)

Fixings
- Stanchion attachment to
  - Concrete: M12 galvanized mechanical concrete anchor
  - Structural steel: M16 galvanized high tensile bolt set

Compliance

Testing
- Testing and performance based on requirement of Australian Standard AS1170.1 Clause 3.6 Table 3.3. Stringent vibration endurance tests have been performed and independent testing has been carried out to confirm the suitability of the Moddex system in maritime conditions.

Warranty
- 5 years from date of purchase subject to correct installation, use and maintenance in accordance with manufacturer’s specifications and recommendations, unless otherwise negotiated at the time of purchase.
- Refer maintenance manual

Inspection & Maintenance
- Visual inspection for any damage or loose fixings must be done periodically and prior to use.
- No certified maintenance required. Basic wear and tear preventative maintenance is recommended, as per manufacturer’s specifications and recommendations.
- Refer maintenance manual
Important Note: Failure to supply and/or install proprietary product in accordance with above Standards and codes, specification and instructions, voids complete system certification and/or warranty.

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For information or technical support please contact us

T 1800 663 339 (AU)
T 0800 663 339 (NZ)
moddex.com

Technical Information

Mount Dimensions

<table>
<thead>
<tr>
<th>Mount Type</th>
<th>Drawing</th>
</tr>
</thead>
<tbody>
<tr>
<td>T2 - Top Mount (2 Fixings)</td>
<td>![T2 Mount Diagram]</td>
</tr>
<tr>
<td>F2 - Face Mount (2 Fixings)</td>
<td>![F2 Mount Diagram]</td>
</tr>
<tr>
<td>CL - Channel Mount (2 Fixings)</td>
<td>![CL Mount Diagram]</td>
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<tr>
<td>GD - Inground Mount</td>
<td>![GD Mount Diagram]</td>
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<tr>
<td>CD - Cored Mount</td>
<td>![CD Mount Diagram]</td>
</tr>
<tr>
<td>AM - Angle Mount</td>
<td>![AM Mount Diagram]</td>
</tr>
</tbody>
</table>

Standard References

Extract of National Construction Code (NCC) Table 2.16a Barrier Construction

Openings in a balustrade or other barrier must be constructed in accordance with the following:

2. Any opening does not permit a 125 mm sphere to pass through it and for stairs, the space is measured above the nosings; and

3. For floors more than 4 m above the surface beneath, any horizontal or near horizontal elements between 150 mm and 760 mm above the floor must not facilitate climbing.