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 CB50 barrier system to substrate according to Moddex specifications, or by a Moddex accredited installer.

Technical Data

<table>
<thead>
<tr>
<th>Material</th>
<th>Steel/grade C250 &amp; 350</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clamp fittings</td>
<td>Malleable Cast iron</td>
</tr>
<tr>
<td>Clamp locking screws</td>
<td>Stainless Steel (304)</td>
</tr>
</tbody>
</table>

Protective coating
Stanchions, rails and balustrades: Hot-dip Galvanize (min 390g/m²)

Optional
- Powder coating and paint specs

Dimensions
- Variable depending on building/application/code

<table>
<thead>
<tr>
<th>Stanchions</th>
<th>Diameter (48.3mm OD) 41.9mm ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Thickness</td>
<td>3.2mm - 4.0mm (loading dependent)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rails</th>
<th>Diameter (48.3mm OD) 41.9mm ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Thickness</td>
<td>3.2mm</td>
</tr>
</tbody>
</table>

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)

Clamp fittings
- Thickness: 5.0mm (approx)
- Locking screws: M12 x 1.75 x 11mm - DEXX ® Drive

<table>
<thead>
<tr>
<th>Weight</th>
<th>Variable depending on building/application/code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stanchion with clamps</td>
<td>7.2 to 8.0kg</td>
</tr>
<tr>
<td>Rail @ 6.0m</td>
<td>21.6kg</td>
</tr>
<tr>
<td>Balustrade Panel @ 2.0m</td>
<td>29kg</td>
</tr>
</tbody>
</table>

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.

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

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*The standard process for Powder Coated and Painted handrail products is as follows: black steel is used for fabrication. The steel is sand blasted and a zinc primer coating is applied. The powder coat / paint coat is then applied over the zinc primer creating a dual shield coating with a decorative finish.
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.

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.

Standard References

Technical Information

Mount Dimensions

<table>
<thead>
<tr>
<th>T2 - Top Mount (2 Fixings)</th>
<th>F2 - Face Mount (2 Fixings)</th>
<th>CL - Channel Mount (2 Fixings)</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="T2 Mount" /></td>
<td><img src="image" alt="F2 Mount" /></td>
<td><img src="image" alt="CL Mount" /></td>
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<tr>
<td><img src="image" alt="GD Mount" /></td>
<td><img src="image" alt="CD Mount" /></td>
<td><img src="image" alt="AM Mount" /></td>
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<td><img src="image" alt="500 GD Mount" /></td>
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<td></td>
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<tr>
<td>75</td>
<td>50</td>
<td>126</td>
</tr>
</tbody>
</table>

For information or technical support please contact us

1800 663 339 (AU)
0800 663 339 (NZ)

moddex.com