NOTES:
1. This proprietary balustrade system complies with New Zealand Building Code Clauses B1 Structure, B1/AS1 Amendment 15, B2 Durability, F2 Hazardous Building Materials and F4 Safety From Falling Third Edition, subject to:
   - all products meeting their required performance specification
   - site installation carried out in accordance with this drawing and the attached fixing details
   - 1100mm minimum height from finished floor level
2. Viridian safety glass options according to 22.4.3 of NZS 4223.3:2016 are:
   a. 15mm toughened glass with interlinking rail
   b. 17.2mm toughened laminated glass
   c. 17.52mm toughened SentryGlas laminated glass
   - Interlinking rail must be connected to Milano posts, adjacent glass panes, or the building.
   - Corner clamps shall be fixed on top of the glass panel
3. The design of concrete, steel or timber support structure is the responsibility of others.
5. Use grade 316 stainless steel fixings and washers
6. Duratec powdercoat or 25 micron anodised finish is recommended for installations within 100m of the coast
7. Based on design loads from AS/NZS 1170.1 and a maximum uls wind pressure of 2.13 kPa, maximum balustrade heights and spans between posts are provided in the table below.

<table>
<thead>
<tr>
<th>Post spacing, mm</th>
<th>Top fixed post - height from base plate, mm</th>
<th>Face fixed post - height from top fixing, mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>1100</td>
<td>1100</td>
<td>1200</td>
</tr>
<tr>
<td>1000</td>
<td>1200 - 1500</td>
<td>1300 - 1600</td>
</tr>
<tr>
<td>950</td>
<td>1600</td>
<td>1700</td>
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<tr>
<td>850</td>
<td>1700</td>
<td>1800</td>
</tr>
<tr>
<td>750</td>
<td>1800</td>
<td>1900</td>
</tr>
</tbody>
</table>

Allow M6 grade 316 csk bolt at middle of post if balustrade height > 1200mm above FFL (finished floor level)

This post is protected by Design Registration # 413097 in New Zealand
Ramset Epcon C6 or Hilti HY-200 R anchor with grade 316 s.s. M12 threaded rod, 40x40x3 washer, and nylon gasket to separate disimilar metals

Grade 316 ss M12 dome nut, washers, nylon sleeve and gasket to separate dissimilar metals

M10x T316 s.s. dome nut, s.s washer, s.s spring washer, nylon bush and gasket to separate aluminium and stainless steel

15mm thick grade 316 ss base plate

This post is protected by Design Registration # 413097 in New Zealand
Grade 316 ss M12 bolt, nut & washers, and nylon washers & sleeve to separate disimilar metals

40x40x3 ss washer & EPDM gasket

250 PFC

ECPTS post FIXING DETAIL A

Grade 316 ss M12 threaded rod, nut & washers, and nylon washers & sleeve to separate disimilar metals

40x40x3 ss washer & EPDM gasket

25x12 ss flat bar

ECPHS post FIXING DETAIL B
Grade 316 ss M12 threaded rod, nut, washers, nylon washers & sleeve to separate disimilar metals

50x50x3 ss washer top and bottom

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MILANO EUROPOST BALUSTRADE C1/C2 & D - FIXING DETAILS
GLAZING DETAILS

GLASS EXTENDED THROUGH POST

- 38mm wide x 1mm thick Lohmann DuploCOLL® 9182
- EPL 25031 backing rubber

GLASS JOINT IN MIDDLE OF POST

- 2 x 50mm long x 6mm thick single-sided tape stuck to edge of glass
- Dow Corning 580 silicone to gap, both sides of glazing bar

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Viridian Glass

MILANO EUROPOST BALUSTRADE C1/C2 & D - FIXING DETAILS