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 the intent of this drawing
2. Based on design loads from AS/NZS 1170.1 and a maximum uls wind pressure of 2.13 kPa (extra high wind zone), maximum span between posts and glass thicknesses are:
   Commercial occupancies B, E & C3 of Table 3.3 AS/NZS 1170.1:
   Based on 1100mm high balustrade, maximum span between posts - 1650mm
   Viridian safety glass options according to 22.4.3 of NZS 4223.3:2016 are:
   a. 10mm toughened glass with interlinking rail
   b. 11.2mm toughened laminated glass
   c. 11.52mm toughened SentryGlas laminated glass
   - Interlinking rail must be connected to Milano posts, adjacent glass panes or to the building.
   - Corner clamps shall be fixed on top of the glass panel.
3. The design of the concrete support 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

This post is protected by Design Registration # 413097 in New Zealand

Viridian Glass

COMMERCIAL BALUSTRADE SYSTEM WITH MILANO EUROPOSTS
COMMERCIAL BALUSTRADE SYSTEM WITH MILANO EUROPOSTS

This post is protected by Design Registration # 413097 in New Zealand

Interlinking rail is required for 10mm toughened safety glass.

M12 x T316 s.s dome nut, s.s. washer, s.s. spring washer, nylon bush and gasket to separate aluminium and stainless steel

Ramset Epcon C6 or Hilti HY-200-R anchor with T316 s.s. threaded rod, 50x50x3 s.s washer, nylon bush and gasket to separate stainless steel and aluminum

Aluminium cap

ECPFC post

Commercial buildings, and common areas of multi-unit dwellings

270
10
30
60
150
110
60
Interlinking rail is required for 10mm toughened safety glass.

Ramset Epcon C6 or Hilti HY-200-R anchor with M10 T316 threaded rod

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

Commercial buildings, and common areas of multi-unit dwellings

ECPTC post

This post is protected by Design Registration # 413097 in New Zealand

COMMERCIAL BALUSTRADE SYSTEM WITH MILANO EUROPOSTS
Steel or timber support. Allow separation gasket and nylon sleeves if external.

This post is protected by Design Registration # 413097 in New Zealand

COMMERCIAL BALUSTRADE SYSTEM WITH MILANO EUROPOSTS
COMMERCIAL BALUSTRADE SYSTEM WITH MILANO EUROPOSTS

GLAZING DETAILS

This post is protected by Design Registration # 413097 in New Zealand

38mm wide x 1mm thick
Lohmann DuploCOLL® 9182

EPL 25031
backing rubber

Dow Corning 580 silicone to
gap, both sides of glazing bar

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