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
   - 1100 mm minimum height from finished floor level
   - Maximum post spacing of 1100 mm
   - Maximum height of 1200mm from top fixing to edge of glass
   - Maximum ULS wind pressure 2.13 kPa (extra high wind zone)
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. Design of the concrete, steel and timber support is the responsibility of others. The client is responsible for ensuring that the support structure is adequately designed and built to resist live and wind loads with minimal movement.
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

Viridian safety glass. Refer note 2.

Polished stainless steel cap

Powdercoated aluminium post

M6 csk bolt if balustrade height > 1200mm above FFL

Corner clamps for the glass cantilever must be connected to the building, unless the cantilever is not more than 100 mm from the end post.
COMMERCIAL C5 BALUSTRADE SYSTEM WITH MILANO EUROPOSTS

Interlinking rail is required for 15mm toughened safety glass. Refer notes 2 and 4.

ECPRBT post
Maximum spacing 1100mm

M12 s.s. threaded rod, washer & spring washer, nylon bush and gasket

Top and bottom steel brackets designed and installed by others with predrilled holes for post

s.s bar insert

This post is protected by Design Registration # 413097 in New Zealand
COMMERCIAL C5 BALUSTRADE SYSTEM WITH MILANO EUROPOSTS

Interlinking rail is required for 15mm toughened safety glass required. Refer notes 2 & 4.

ECPRS post
Maximum spacing
1100mm

s.s bar insert

M12 s.s. threaded rod, washer & spring washer, nylon bush and gasket

PFC by others with predrilled holes for post

This post is protected by Design Registration # 413097 in New Zealand
Interlinking rail is required for 15mm toughened safety glass. Refer notes 2 & 4.

ECPRC post
Maximum spacing
1100mm

M12 s.s. threaded rod in Hillti HY-200-R or Ramset Epcon C6 anchor

s.s bar insert

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

COMMERCIAL C5 BALUSTRADE SYSTEM WITH MILANO EUROPOSTS
GLAZING DETAILS

NO GLASS JOINT

- 38mm wide x 1mm thick Lohmann DuploCOLL® 9182

GLASS JOINT

- 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

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

EPL 25031 backing rubber

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

COMMERCIAL BALUSTRADE SYSTEM WITH MILANO EUROPPOSTS
Interlinking rail is required for 15mm toughened safety glass required. Refer notes 2 & 4.

Maximum post spacing 1100mm

M12 s.s. threaded rod in Hilti HY-200-R or Ramset Epcon C6 anchor

SS316 M12 Dome nut, washers, spring washers

PFC by others with predrilled holes for post

SS316 M12 Threaded rod. Hole and ss nut welded by others.

40X40X3 SS washer

For internal installation only

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

COMMERCIAL C5 BALUSTRADE SYSTEM WITH MILANO EUROPOSTS