

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:

Residential occupancies A, A(other) & C3 of Table 3.3 AS/NZS 1170.1:

Maximum span between posts: 1200mm

Viridian safety glass options according to 22.4.3. of NZS 4223.3:2016 are:

- a. 8 mm toughened glass with interlinking rail
- b. 9.2 mm toughened laminated glass
- c. 9.52 mm toughened SentryGlas laminated glass with maximum unsupported overhang of 200mm

-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.

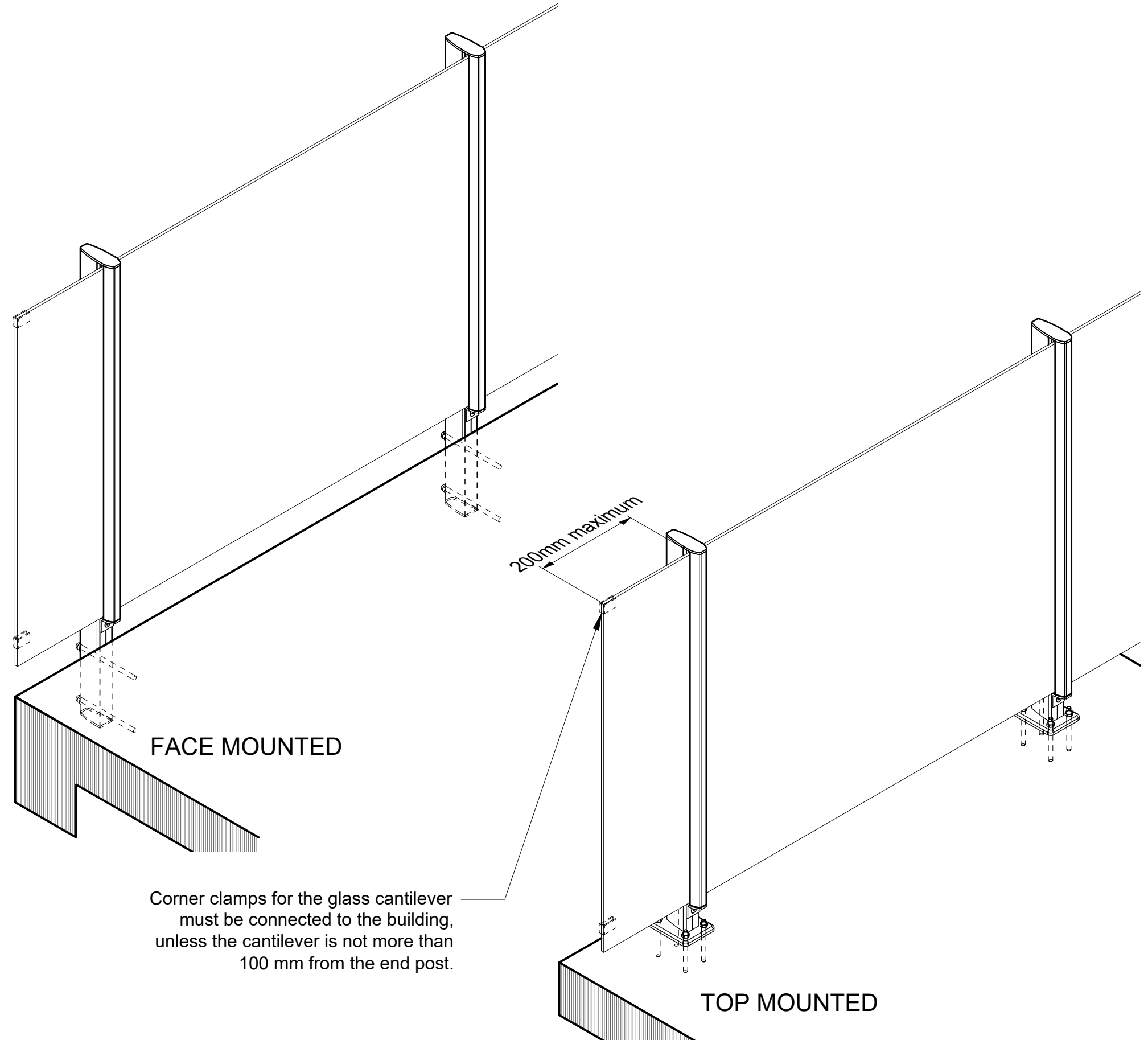
3. The design of the concrete support is the responsibility of others.

4. A handrail of 32-50mm diameter is required for stairs and ramps exceeding 1:20 slope. Refer NZBC D1/AS1.

5. Height of interlinking rail to be 1000mm from FFL as per NZBC B1/AS1.

6. Use grade 316 stainless steel fixings and washers

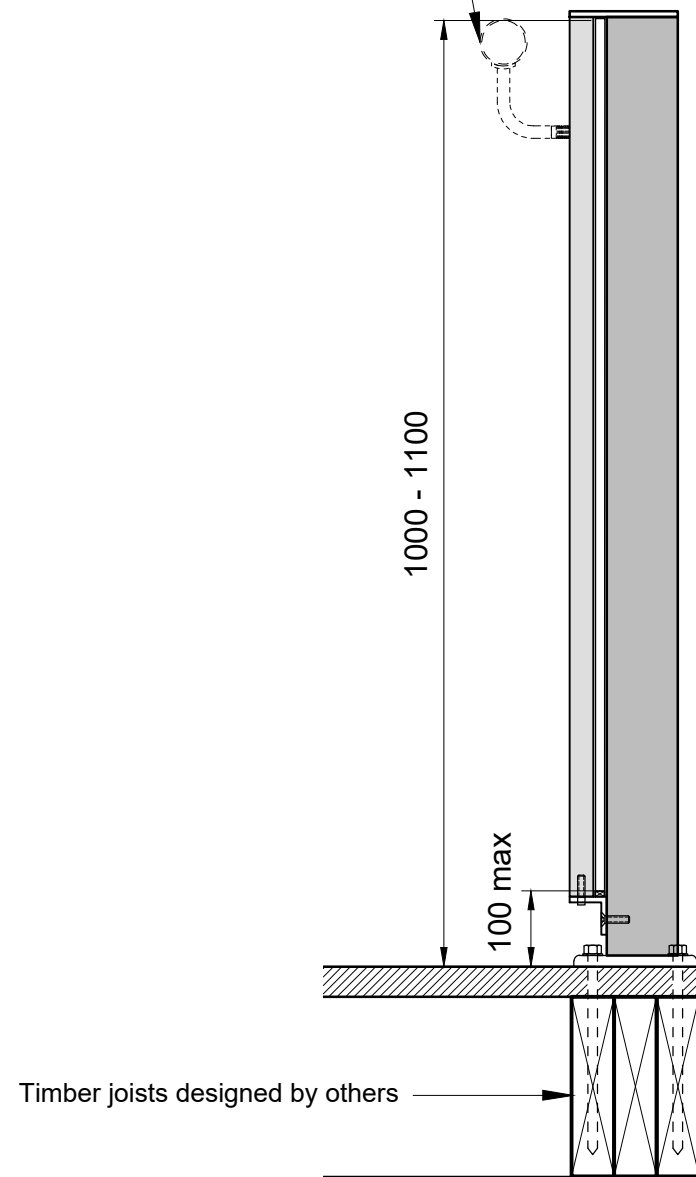
7. Duratec powdercoat or 25 micron anodised finish is recommended for installations within 100m of the coast



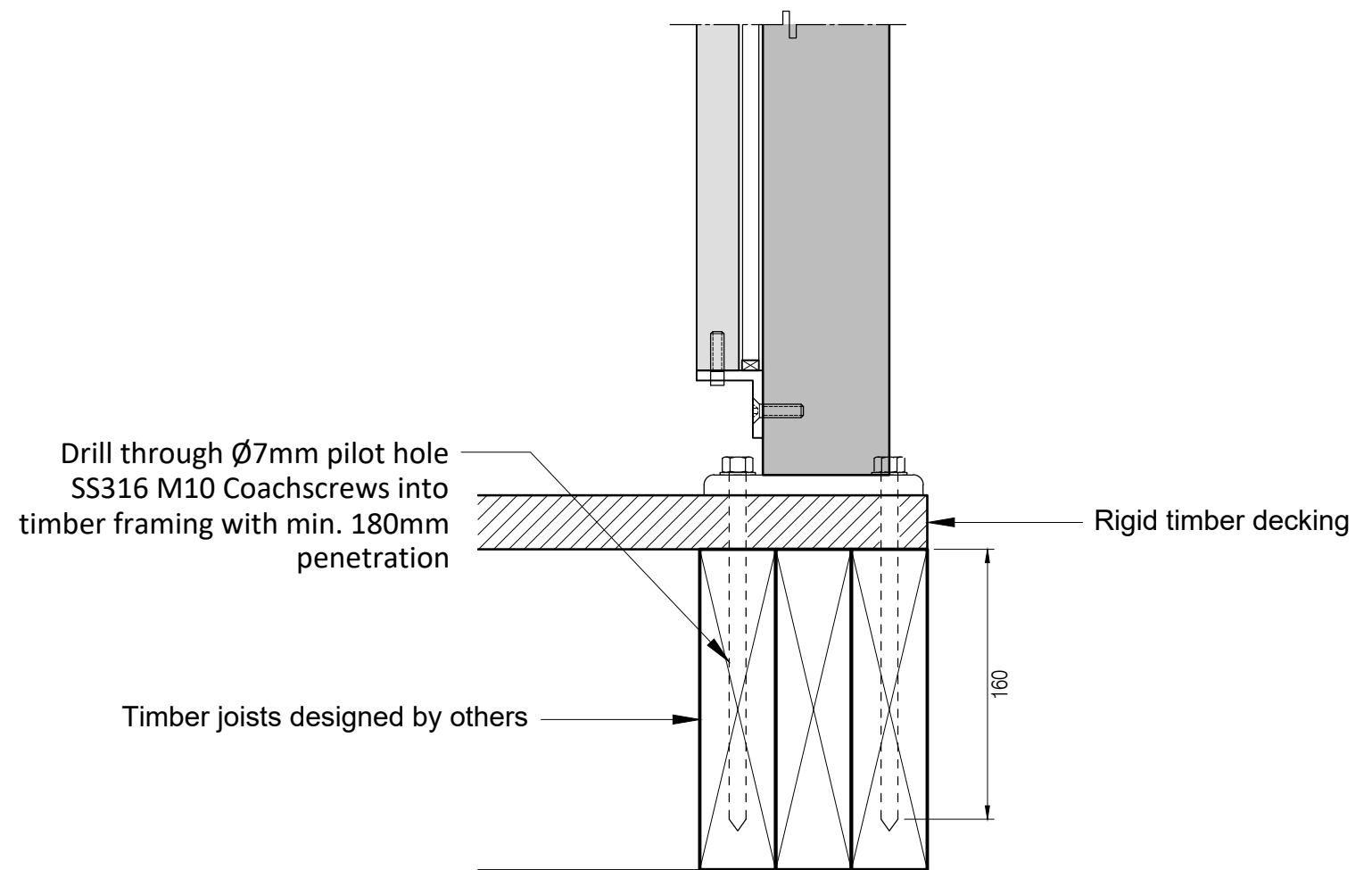
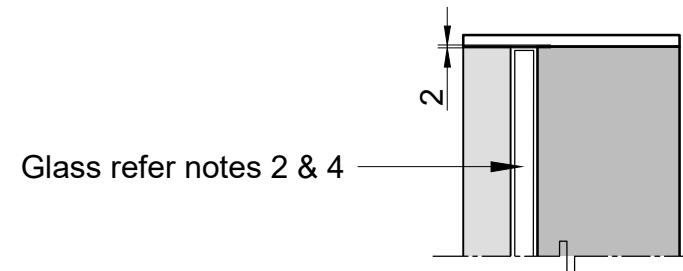
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Interlinking rail is required for 8mm toughened safety glass.
Refer notes 2, 4 & 5

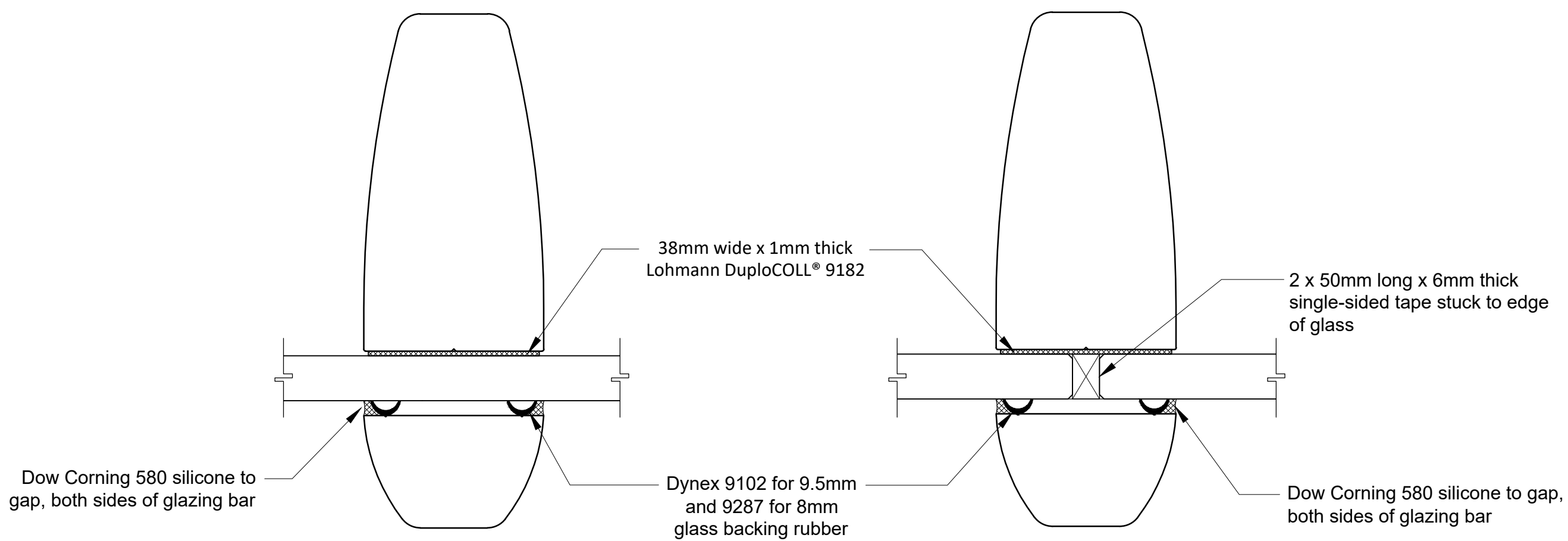


ERPTT post
Maximum spacing
1200mm



FIXING DETAIL

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NO GLASS JOINT

GLASS JOINT

GLAZING DETAILS

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