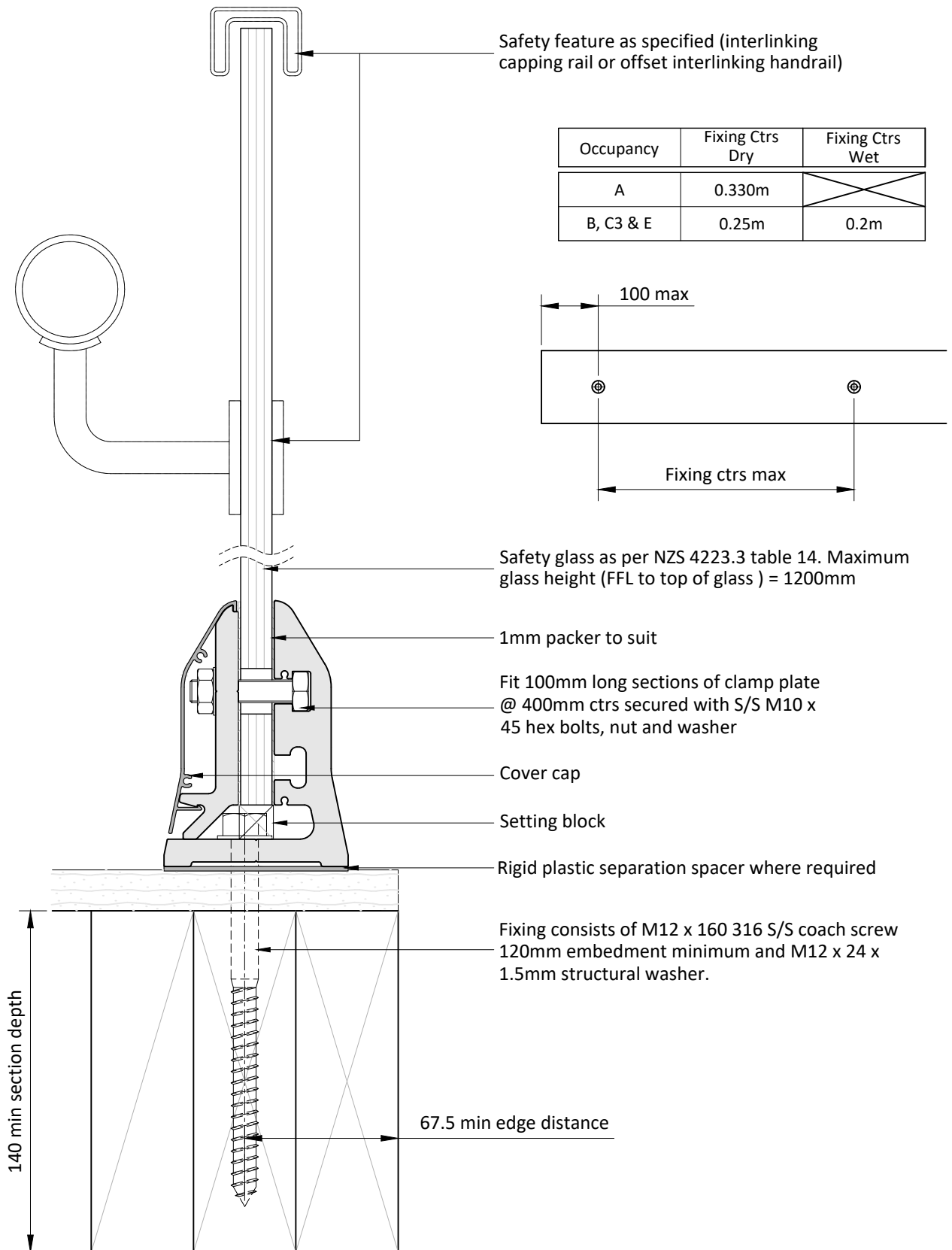


PUREVIEW TOP FIXED TO TIMBER - COACHSCREW



- Applicable to occupancy types A, B, C3 & E.
- Suitable for up to extra-high wind zone (55m/2)
- This is a balustrade connection detail. Deck design, construction and water-proofing is the responsibility of others. For all other applications or non-standard or site specific connections not covered under the standard detail manual please contact Spectrum.

PRODUCER STATEMENT – PS1 – DESIGN

ISSUE:A

 (Guidance on use of Producer Statements is available at www.engineeringnz.org)

ISSUED BY: Kirk Roberts Consulting Engineers Ltd. PROJECT NO: **1920274**
 (Design Firm)
 TO: Spectrum
 (Owner/Developer)
 TO BE SUPPLIED TO: Territorial Local Authority
 (Building Consent Authority)

 IN RESPECT OF: Pureview Top Fixed to Timber - Coachscrew (details countersigned by myself and dated 5/7/22)
 (Description of Building Work)

 AT: Nationwide LOT: N/A DP: N/A SO
 (Address)

We have been engaged by the owner/developer referred to above to provide Structural Engineering Design services in respect of the requirements of Clause(s) B1/VM1 of the Building Code for
 All or Part only (as specified in the attachment to this statement), of the proposed building work.

The design carried out by us has been prepared in accordance with:
 Compliance Documents issued by the Ministry of Business, Innovation & Employment B1/VM1 or
 (verification method / acceptable solution)
 Alternative solution as per the attached schedule.....

The proposed building work covered by this producer statement is described on Spectrum drawings detail titled "Pureview Top Fixed to Timber - Coachscrew", and numbered BL.3.2.7 & BL.3.2.8, Rev:B 1.07.22 together with the specification, and other documents set out in the schedule attached to this statement.

On behalf of the Design Firm, and subject to:

- (i) All proprietary products meeting their performance specification requirements;
- (ii) Maximum Site Wind Speed of 55m/s at Ultimate Limit State.
- (iii) Compliance Documents issued by the Ministry of Business, Innovation & Employment provisions of B1/VM1: AS/NZS1170:2002 (loads), AS/NZS1664.1:1997 (aluminium); AS/NZS 4223.3:2016 (glazing)
- (iv) Compliance of the glazing with B1 is achieved by following Section 3 of the standard NZS 4223:2016. In particular, refer to Table 14 – Structural Balustrade – cantilevered glass.
- (v) This PS1 is for the balustrade system listed above only. The design of the supporting structure for loads imposed from the balustrade system (including torsional loads) is the responsibility of others.
- (vi) This certificate does not cover weather-tightness.
- (vii) Compliance with B2 is achieved on the following specific items using the standards noted below.
 - Steel members – coating in accordance with the specification to AS/NZS2312
 - Concrete members – covers in accordance with the specification to NZS 3101
 - Aluminium members – coatings in accordance with the specification to AS/NZS 1664.1.1997
- (viii) This Producer Statement - Design is valid for a building consent issued within 2 years from the date of issue;
- (ix) Compliance with F2/AS1 is achieved by the infill glass complying with the requirements of NZS4223.3:2016.
- (x) Compliance with F4 is achieved by compliance with Section 3 of AS/NZS 1170.1:2002.
- (xi) Inspections of the structural elements shall be undertaken by the Building Consent Authority (council). As Kirk Roberts Consulting Engineers are not undertaking inspections, we cannot issue a Producer Statement for Construction Review – PS4.

I believe on reasonable grounds that a) the building, if constructed in accordance with the drawings, specifications, and other documents provided or listed in the attached schedule, will comply with the relevant provisions of the Building Code and that b), the persons who have undertaken the design have the necessary competency to do so. I also recommend the following level of construction monitoring/observation: (Refer note above)

CM1 CM2 CM3 CM4 CM5 (Engineering Categories) or as per agreement with owner/developer (Architectural)

I, Damian John McMillan am: CPEng 229150 #
 (Name of Design Professional)

I am a Member of: Engineering New Zealand NZIA and hold the following qualifications: B.E.(Hons), CMEngNZ, CPEng
 The Design Firm issuing this statement holds a current policy of Professional Indemnity Insurance no less than \$200,000*.
 The Design Firm is a member of ACENZ:

SIGNED BY Damian John McMillan ON BEHALF OF Kirk Roberts Consulting Engineers Ltd.
 (Design Firm)

Date: 5/07/2022 (signature).....

Note: This statement shall only be relied upon by the Building Consent Authority named above. Liability under this statement accrues to the Design Firm only. The total maximum amount of damages payable arising from this statement and all other statements provided to the Building Consent Authority in relation to this building work, whether in contract, tort or otherwise (including negligence), is limited to the sum of \$200,000*.

This form is to accompany Form 2 of the Building (Forms) Regulations 2004 for the application of a Building Consent.