

## Product Technical Statement

**Product:** Cemintel Eaves Lining Sheet

**Description:** Cemintel Eaves Lining Sheet is a 4.5mm fibre cement sheet that is available in a range of widths to suit common eaves applications. Sheets are supplied with square edges.

**Purpose and Scope of Use:** Cemintel Eaves Lining Sheet is designed for use as lining for external ceilings, eaves and soffits for timber framed buildings:

- Within the scope of limitations of Acceptable Solution E2/AS1 External Moisture, Paragraph 1.1 and NZS3604:2011 Timber framed buildings, para 1.1.2 with respect to building size and height.
- Located in any exposure zone, (except adverse microclimate conditions) as defined in NZS3604:2011 (para 4.2.4).
- Located 1m or greater from a relevant boundary.
- In any NZS3604:2011 wind zone up to and including Extra High, or by specific engineering design (SED) on timber framed construction complying with the NZBC provided the design ultimate limit state (ULS) differential wind pressures does not exceed 2.5kPa.

### Conditions:

Cemintel Eaves Lining Sheet must be installed in accordance with the Cemintel External Cladding and Eaves Lining Design and Installation Guide.

### NZ Building Code Compliance

When used as described above, Cemintel Eaves Lining Sheet meets the following relevant performance requirements of the New Zealand Building Code.

#### **Clause B1 Structure: Performance Clauses B1.3.1, B1.3.2, B1.3.3 (a,h), B1.3.4**

**Basis of Compliance:** Cemintel Eaves Lining Sheet complies with the requirements of AS/NZS2908.2:2002 Cellulose cement products Part 2: Flat sheets. The mechanical properties required for compliance with AS/NZS2908.2 are sufficient to meet the applied loads, by interference from E2/AS1 para 9.6.3 (a) that specifies compliance with this standard for external cladding.

### Related Documents:

- SIRIM QAS International Test Report 2019CB1449 October 2019 Tests to AS/NZS2908.2:2002 Cellulose cement products Part 2: Flat Sheets.
- Acceptable Solution E2/AS1 External Moisture

#### **Clause B2 Durability: Performance Clauses B2.3.1 (b), B2.3.2 (a)**

**Basis of Compliance:** Cemintel Eaves Lining Sheet complies with the requirements of AS/NZS2908.2:2002 Cellulose cement products Part 2: Flat sheets. The durability tests required for compliance with AS/NZS2908.2 (frost resistance, warm water, heat rain, soak dry) provide evidence of the durability of the product in service. The product also has significant in-service history of use.

**Related Documents:**

- SIRIM QAS International Test Report 2019CB1447 October 2019 Tests to AS/NZS2908.2:2002 Cellulose cement products Part 2: Flat sheets.

***Clause E2 External Moisture: Performance Clauses E2.3.2, E2.3.5, E2.3.7***

**Basis of Compliance:** Cemintel Eaves Lining Sheet complies with the requirements of AS/NZS2908.2:2002 Cellulose cement products Part 2: Flat sheets referenced in Acceptable Solution E2/AS1 External Moisture and the construction details specified align with the construction details in that Acceptable Solution.

**Related Documents:**

- SIRIM QAS International Test Report 2019CB1447 October 2019 Tests to AS/NZS2908.2:2002 Cellulose cement products Part 2: Flat sheets.
- Acceptable Solution E2/AS1 External Moisture.

***Clause F2 Hazardous Building Materials: Performance Clauses F2.3.1***

**Basis of Compliance:** Cemintel Eaves Lining Sheet does not contain any substance that will give rise to harmful concentrations at the surface of the material where the materials are exposed, or in the atmosphere of any space.

**Related Documents:**

- CETEC Emission Test Certificate August 2012.
- Cemintel Fibre Cement Safety Data Sheet.

**Technical and Installation Literature:**

- Cemintel External Cladding and Eaves Lining Design and Installation Guide.