

## Product Technical Statement

**Product:** CeminSeal Wallboard

**Description:** CeminSeal Wallboard is a fibre cement sheet available in a range of thicknesses and sheet sizes.

**Purpose and Scope of Use:** CeminSeal Wallboard is an internal lining for use in wet areas. It may be fixed to timber or steel framing. It is suitable as a substrate for tiles, or for finishing with a paint system.

**Conditions:** CeminSeal Wallboard must be installed in accordance with the Cemintel Wet Area Systems Design and Installation Guide.

When used as a substrate for tiling, CeminSeal Wallboard must be fixed to framing with nails or screws. (Stud adhesive is not acceptable).

### **NZ Building Code Compliance:**

When used as described above, CeminSeal Wallboard 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, j), B1.3.4**

**Basis of Compliance:** CeminSeal Wallboard 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 inference from E2/AS1 para 9.6.3 (a) that specifies compliance with this standard for external cladding.

### **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 B2 Durability: Performance Clauses B2.3.1 (b) when used as a tile substrate, B2.3.1 (c), B2.3.2 (a)**

**Basis of Compliance:** CeminSeal Wallboard 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 a 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 C3 Fire affecting areas beyond the fire source: Performance Clauses C3.4 (a)***

**Basis of Compliance:** CeminSeal Wallboard has a Material Group number of 1-S and is suitable for use in any location, regardless of building importance level or area of use.

#### **Related Documents:**

- Warrington Fire Test Report 45759 Issue 10.1 15 November 2019.
- Verification Method C/CV2 Protection from fire.

### ***Clause E3 Internal Moisture: Performance Clauses E3.3.4, E3.3.5, E3.3.6***

**Basis of Compliance:** Internal moisture by comparison with the requirements of E3/AS1 and tests to AS/NZS2908.2:2002 Cellulose cement products Part 2: Flat sheets. Material specifications and construction details satisfy the requirements of Acceptable Solution E3/AS1 (Amendment 6) paras 3.1.2, 3.2.1, 3.3.1.

#### **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 E3/AS1.

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

**Basis of Compliance:** CeminSeal Wallboard does not contain any substance that will give rise to harmful concentrations at the surface of the material where the material is exposed or in the atmosphere of any space.

#### **Related Documents:**

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

### ***Clause G3 Food preparation and prevention of contamination: Performance Clauses G3.3.2 (a) (Contributes to)***

**Basis of Compliance:** Acceptable Solution E3/AS1 para 3.1.2 allows (i) timber or timber-based products such as particleboard sealed with waterproof applied coatings. CeminSeal Wallboard, being a fibre cement based product sealed with a waterproof coating is at least equivalent to timber based products with an applied waterproof coating in this environment.

#### **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 E3/AS1 Internal Moisture.

#### **Technical and Installation Literature:**

- Cemintel Wet Area Systems Design and Installation Guide.