

Cemintel Ceramic Tile Underlay

Refer to product table below for applicable product codes covered by this document

Issue

A, 11/2023

Product Type & Application

Cemintel Ceramic Tile Underlay is an autoclaved cellulose fibre reinforced cement sheet available in the following sizes: 6mm x 600mm x 1800mm, 6mm x 900mm x 1800mm and 6mm x 1200mm x 1800mm.

Cemintel Ceramic Tile Underlay provides a suitable base for laying ceramic tiles over a timber floor.

Compliance with the New Zealand Building Code

When correctly specified and installed, this product meets or contributes to compliance with the following performance requirements of the building code:

B1 Structure B1.3.1, B1.3.2, B1.3.3(b), B1.3.4 - Cemintel Ceramic Tile Underlay 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.

B2 Durability B2.3.1 (b) – Cemintel Ceramic Tile Underlay 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.

E3 Internal moisture E3.3.3, E3.3.5, E3.3.6 (contributes to) - Cemintel Ceramic Tile Underlay complies by comparison with the requirements of Acceptable Solutions E3/AS1 and E3/AS2, 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.

F2 Hazardous building materials F2.3.1 - Cemintel Ceramic Tile Underlay 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.

Basis of Compliance

- SIRIM QAS International Test Report No 2019CB1447 24 October 2019 Testing on 6mm Cemintel Wallboard to AS/NZS 2908.2:2000
- Cemintel Safety data Sheet - Cemintel Fibre Cement, March 2018
- CETEC Emission Test Certificate August 2012
- Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B2 Durability Second edition (Amendment 12), 28 November 2019
- Acceptable Solutions and Verification Methods for New Zealand Building Code Clause E3 Internal Moisture Second edition (Amendment 7), 5 November 2020
- Acceptable Solution E3 Internal Moisture E3/AS2 First edition, 5 November 2020
- Cemintel Design and Installation Guide - Ceramic Tile Underlay - Residential Interior Wet Area Flooring System, June 2018

Conditions of Storage, Use & Maintenance

- All Cemintel sheeting must be stacked flat, off the ground, and supported on a level platform.
- Care must be taken to avoid damage to edges, ends and surfaces.
- Material must be kept dry, preferably by being stored inside the building. Where it is necessary to store sheets outside, they must be protected from the weather.
- Sheets must be dry prior to fixing, jointing and finishing.

Refer to the product warranty at www.cemintel.co.nz for more information.

Limitations of Use

- This product is not subject to any warning or ban declared by MBIE under section 26 of the Building Act 2004.
- Seek technical advice from CSR Cemintel on application suitability if unsure.

This Product Technical Statement is published in accordance with the Building Act 2004 Section 14g. It relates to this product when it is produced at a CSR approved facility in accordance with CSR Specifications and approved materials, is unmodified, and installed in accordance with the technical data, plans, specifications, and advice prescribed by the manufacturer. It relates to the provisions of the building code in effect at the date of issue of this Product Technical Statement.



Cemintel Ceramic Tile Underlay

Specific Design or Installation Instructions

- Cemintel Ceramic Tile Underlay must be installed in accordance with the Cemintel Design and Installation Guide - Ceramic Tile Underlay - Residential Interior Wet Area Flooring System, June 2018.

For general installation guidance refer to the product literature at www.cemintel.co.nz

Applicable Product Codes (SKU)

SKU	Description	Dimensions
450740	Cemintel Ceramic Tile Underlay	600 mm (W) x 1800 mm (L) x 6 mm (D)
10243	Cemintel Ceramic Tile Underlay	900 mm (W) x 1800 mm (L) x 6 mm (D)
450720	Cemintel Ceramic Tile Underlay	1200 mm (W) x 1800 mm (L) x 6 mm (D)

CSR Cemintel, 14 The Furlong, Takanini, Auckland. For further technical advice call 0800 999 277/ visit cemintel.co.nz/ email cemintel@csr.co.nz

CSR Cemintel is a business division of CSR Building Products (NZ) Limited (NZBN 9429040750194)

CSR Building Products (NZ) Limited is a business division of CSR Building Products Limited (ABN 55 008 831 356)

Manufactured by CSR Building Products Limited

The contents of this brochure are copyright protected and may not be reproduced in any form without prior written consent of CSR Cemintel. Recommendations and advice regarding the use of the products described in this brochure are to be taken as a guide only and are given without liability on the part of the company or its employees. We reserve the right to change product specifications without prior notification. Please refer to the CSR Cemintel website for the latest revision of this document. The purchaser should independently determine the suitability of the product for the intended use and application.

Document Reference: CM_Ceramic Tile Underlay Product Technical Statement_20231123