

Class 1

Building Product Information Sheet

Product Name

Concrete Block Sealer System

Product description and its intended use

The CONCRETE BLOCK SEALER SYSTEM consists of a water-based silane/siloxane water repellent (AQUELLUX S WB) and a clear high solids, low VOC waterborne sealer (CONCRETE BLOCK SEALER). When used as directed, the system is effective in sealing porous masonry such as concrete blocks and other concrete substrates, and acts by blocking the pores against water ingress while not changing the appearance of the substrate to any significant extent.

CONCRETE BLOCK SEALER is recommended for use on all masonry, especially highly porous masonry such as concrete blocks, to seal against the ingress of water. Once cured, it forms a non-absorbent clear coating which resists water and will not blanch when wet.

CONCRETE BLOCK SEALER may be used on all types of concrete.

Product identifier (if applicable):

Product is identified by components: AQUELLUX S WB (primer) & Concrete Block Sealer (sealer coat)

Place of manufacture

New Zealand

Legal and trading name of the manufacturer(s):

Stratmore Construction Solutions Limited

Legal and trading name of the importer (if applicable):

Address for service:

STREET NAME	185 Rata Street	SUBURB	Naenae
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CITY, COUNTRY	Lower Hutt New Zealand	POSTCODE	5011
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Website:	www.stratmore.co.nz
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Email address:	info@stratmore.co.nz
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Phone No. (if applicable):	+64 4 567 8436
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NZBN (if applicable):	9429040948867
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Relevant Building Code clauses:

B2 Durability: Performance clauses B2.3.1(c)
E2 External Moisture: Performance clause E2.3.2 and E2.3.3
F2 Hazardous Building Materials: Performance clause F2.3.1

Statement on how the building product is expected to contribute to compliance:

The CONCRETE BLOCK SEALER SYSTEM, specified and installed in accordance with the technical data sheets and the application instructions, will meet (or assist in meeting) the following provisions (clauses) of the New Zealand Building Code:

B2 Durability: Performance B2.3.1c (5 years)

The CONCRETE BLOCK SEALER SYSTEM complies with the requirements of B2 Durability sub clause c 5 years: the building element is a renewable protective coating.

Compliance is shown by the following reports:

- Expert Opinion – Concrete Block Sealer, raw material selection, natural and accelerated weathering of the coating.

E2 External Moisture: Performance E2.3.2 and E2.3.3

The CONCRETE BLOCK SEALER SYSTEM when installed in accordance with the application instructions meets the requirements of clauses E2.3.2 and E2.3.3 per E2 AS/3 (CCANZ CP 01:2022) of the NZBC.

Compliance with CCANZ CP 01:2022 is achieved by providing 0mm penetration into the treated concrete masonry (0mm per minute after 120 minute duration, 200mm head of water) when tested to AS/NZS 4456.16:2003. The CONCRETE BLOCK SEALER SYSTEM meets the requirements of CCANZ CP 01:2022 Code of Practice for Weathertight Concrete and Concrete Masonry Construction, section 4.4 Clear Coating System.

Compliance is shown by the following report:

- OPUS International Consultants, Permeability Test Report: 1-L0141.84

The test results were a permeability of 0mm/min. This is better than that specified for clear coating systems for concrete (section 4.4).

F2 Hazardous Building Materials: Performance F2.3.1

Once dry, the CONCRETE BLOCK SYSTEM meets this requirement and will not present a health hazard to people.

Limitations on the use of the building product:

The CONCRETE BLOCK SEALER SYSTEM is not designed for use in areas subject to excessive wear and tear. The CONCRETE BLOCK SEALER SYSTEM is not suitable for any below grade application or tanking application. Refer technical data sheet for complete details.

Use of the product is per the technical data sheet and supporting documentation.

Design requirements that would support the use of the building product:

To ensure compliance with the NZBC, design of the substrate to which the CONCRETE BLOCK SEALER SYSTEM is to be applied needs to comply with the relevant NZ building standards including NZS3101 and 3109 for concrete structures and NZS4229 or NZS4230 for masonry concrete construction and with reference to CCANZ CP 01:2022.

Installation requirements:

The CONCRETE BLOCK SEALER SYSTEM must be applied in accordance with the current CONCRETE BLOCK SEALER and AQUELLUX S WB Technical Data Sheets (visit <https://www.fbsltd.co.nz/product-technical-datasheets-support-material>) and the CONCRETE BLOCK SEALER SYSTEM Spec Data Guide.

Application of the CONCRETE BLOCK SEALER SYSTEM is to be undertaken by an approved applicator that is a member of the **NZ Master Painters Association** or as otherwise approved by Stratmore Construction Solutions in writing.

Maintenance Requirements:

The CONCRETE BLOCK SEALER SYSTEM shall be inspected by the building owner for any signs of degradation after no more than 5 years and annually thereafter. Refer to section 1.8 of the CONCRETE BLOCK SEALER SYSTEM Spec Data Guide for more details.

Is the building product/building product line subject to warning or ban under section 26?:

Yes

No

If yes, description of the warning or ban under section 26:

Date: 18 August 2023