

Class 1

Building Product Information Sheet

Product Name

PROTECTA-COAT

Product description and its intended use

PROTECTA-COAT consists of a water-based silane/siloxane water repellent (AQUELLUX S WB) primer system (where required) and a clear high solids, low VOC waterborne sealer (PROTECTA-COAT). 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.

PROTECTA-COAT 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.

PROTECTA-COAT may be used on all types of concrete.

Product identifier (if applicable):

Product is identified by components: AQUELLUX S WB (primer) & PROTECTA-COAT (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:

PROTECTA-COAT, 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)

PROTECTA-COAT 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

PROTECTA-COAT 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 when applied to the external face of a wall which is part of a habitable structure that does NOT require building code compliance.

For compliance with CCANZ CP 01:2022 Code of Practice for Weathertight Concrete and Concrete Masonry Construction, section 4.4 Clear Coating System, the Concrete Block Sealer System must be used.

F2 Hazardous Building Materials: Performance F2.3.1

Once dry, PROTECTA-COAT meets this requirement and will not present a health hazard to people.

Limitations on the use of the building product:

PROTECTA-COAT is not designed for use in areas subject to excessive wear and tear. PROTECTA-COAT is not suitable for any below grade application or tanking application. Refer technical data sheet for complete details.

For compliance with CCANZ CP 01:2022 Code of Practice for Weathertight Concrete and Concrete Masonry Construction, section 4.4 Clear Coating System, the Concrete Block Sealer System must be used.

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

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

Design of the substrate to which the PROTECTA-COAT 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 (where applicable in accordance with the application requirements.)

Installation requirements:

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

Maintenance Requirements:

PROTECTA-COAT 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 PROTECTA-COAT 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