



Product Technical Statement



PTS # 2141

EXPIRY DATE: 30 Nov 2022

The AquaQuartz CIMENTAL Coating System from Render-It-Oz Pty Ltd.



Product

- 1.1 The AquaQuartz CIMENTAL Coating System from Render-It-Oz Ltd is a tried and proven mineral coating system used primarily as a decorative coating in wet areas - typically in bathrooms, laundries and the like.
- 1.2 The AquaQuartz CIMENTAL Mineral Coating System is intended to be applied over an NCC compliant waterproofing system.
- 1.3 The AquaQuartz System is to be applied by persons trained and approved by Render-It-Oz Ltd, within the scope and limitations described in the manufacturer's technical literature.
- 1.4 The product is resistant to the effects of water and detergent but is somewhat affected by bleach and heat aging.
- 1.5 The product is a decorative finish and while water resistant, not intended to be a 'waterproofing membrane'.

Australian Building Regulations

2.1 In the opinion of BEAL, the AquaQuartz System, when designed, installed and maintained in accordance with the statements and conditions of this Product Technical Statement, will meet the following provisions of the Australia Building Code:

For NCC Volume one:

FP1.7 Wet areas

To protect the structure of the building and to maintain the amenity of the occupants, water must be prevented from penetrating—

- (a) behind fittings and linings; and
- (b) into concealed spaces.

For NCC Volume two:

P2.4.1 Wet areas

To protect the structure of the building and to maintain the amenity of the occupants, water must be prevented from penetrating—

- (a) behind fittings and linings; or
- (b) into concealed spaces, of sanitary facilities, bathrooms, laundries and the like.

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Scope and Limitations

3.1 The AquaQuartz CEMINTAL wall and floor coating system is a wall and protected floor Water Resistant finish suitable for application to plasterboard or fibre-cement walls and floors having a waterproofing membrane complying with AS3740 that has already been applied.

3.1 Where used as a floor finish, the AquaQuartz wall and floor coating system shall be protected with a wear surface such as tiles or the like.

Technical Literature

4.1

Result of the assessment

5.1 Compliance has been established through an impartial, independent third party testing programme in conformance with AS/NZS4858 – Wet Area Membranes.

The results of the testing programme established the compliance of the 'AquaQuartz CEMINTAL wall coating system', applied over a waterproof membrane complying with AS/NZS4858, provided the product is applied according to the Render-It-Oz technical literature and applied only by those trained and approved by Render-It-Oz.

The testing programme included -
(Applicable performances)

Elongation – measured according to AS1145.1 (since the film is greater than 1mm thickness)

Water Resistance (Absorption) according to AS3558.1

Effect of water immersion after 7 days

Effect of Bleach immersion after 7 days

Effect of Detergent immersion after 7 days

Effect of heat ageing after 7 days.

In addition, the supplier has provided a statement of in-service history demonstrating compliance over time in many projects.

All of the data provided to the reviewer has been assessed for suitability and compliance.

8.1 Continuous compliance is reliant on the building owner maintaining the product in accordance with the manufacturer's maintenance instructions.

Authorised Signatory,



C R Prouse - Director
Building Element Assessment Laboratory Limited
[Dec 2021]

