

Class 1

Aquamox Shower Bases

Product Disclosure Information

Self-Assessment

Version: V1001

Product name	Aquamox Wall Backer Board
Product line	
Product identifier	Aquamox Wall Backer Board

Product Description

Aquamox is a modular XPS foam construction board designed to make building tiled showers and wet rooms a quick, easy, and simple process. The construction of the Aquamox product is a high-density XPS board core coated with a fibreglass mesh and polymer cement mortar on both sides. This design makes it a lightweight product yet incredibly strong and durable. The Aquamox Shower base is a easy to install waterproof base used in the design of a wet room. It is a preformed floor level panel that can be cut to fit the shower area. It is placed directly onto a concrete or wooden floor recessed for level entry. Available in Centre Waste, Offset Waste and channel waste format. Sizes from 1000mm x 1000mm to 1000mm x 2000mm.

Relevant building code clauses

B1 Structure — B1.3.1, B1.3.2, B1.3.3 (j), B1.3.4

B2 Durability— B2.3.1 (b)

E3 Internal moisture — E3.3.4, E3.3.5, E3.3.6

F2 Hazardous building materials — F2.3.1

Contributions to compliance

In the opinion of BEAL, the Aquamox Wall Backer Board and Shower Base Systems, when designed, installed and maintained in accordance with the statements and conditions of this Appraisal Certificate, will meet the following provisions of the New Zealand Building Code:

B1 MECHANICAL / ADHESION PROPERTIES The Aquamox Wall Backer Board and Shower Base Systems (AWBB&SB systems) meets the requirements of Performance B1.3.1 and B1.3.2.

B2 DURABILITY Performance B2.3.1 (b) 15 years. The AWBB&SB will meet this requirement.

E3 INTERNAL MOISTURE Performances E3.3.3, E3.3.4 & E3.3.5 Wet area showers and walls incorporating the AWBB&SB systems will meet this requirement.

F2 HAZARDOUS BUILDING MATERIALS Performance F2.3.1. The AWBB&SB will not present a health hazard to people.

The AWBB&SB systems have been appraised as an 'Alternative Solutions' in terms of compliance with the New Zealand Building Code.

Scope of use

Suitable to be used in domestic or commercial wet areas and fixed directly to wooden and concrete floors. Designed to be tiled over.

Conditions of use

This shower must be installed in accordance with the installation instructions supplied with the product and available at <http://aquamox.co.nz/resources> with further information on the BEAL Appraisal #2217 available at <https://www.beal.co.nz/bealappraisals/the-aquamox-wall-backer-board-and-shower-base-systems/>

Supporting documentation

The following additional documentation supports the above statements:

Title (type)	Version	URL
Aquamox Channel Waste Base - Installation Instructions	5001	https://aquamox.co.nz/resources
Aquamox Centre Waste Base - Installation Instructions	5001	https://aquamox.co.nz/resources
BEAL APPRAISAL NO: P2217	2023	https://www.beal.co.nz/bealappraisals/the-aquamox-wall-backer-board-and-shower-base-systems/
Aquamox Product Catalogue	2023	https://aquamox.co.nz/resources

Contact details

Manufacture location	New Zealand
Legal and trading name of the manufacturer	Crest Group Limited
Manufacturer address for service	5 Stonehill Drive Auckland 2104
Manufacturer website	www.crestshowers.co.nz
Manufacturer email	sales@crestshowers.co.nz
Manufacturer phone number	0800404042
Manufacturer NZBN	9429030266377

Warnings and bans

Is the building product/building product line subject to a warning or ban under section 26 of the Building Act 2004?

No

Appendix

BPIR Ready selections

Category: Internal Linings

	Yes	No
Use in wet areas	x	
Part of a fire protected boundary or firewall		x
Use in areas with near to sources of heat	x	

Building code performance clauses

All relevant building code performance clauses are listed in this document:

B1 Structure

B1.3.1

Buildings, building elements and *sitework* shall have a low probability of rupturing, becoming unstable, losing equilibrium, or collapsing during *construction* or *alteration* and throughout their lives.

B1.3.2

Buildings, building elements and *sitework* shall have a low probability of causing loss of amenity through undue deformation, vibratory response, degradation, or other physical characteristics throughout their lives, or during *construction* or *alteration* when the *building* is in use.

B1.3.3

Account shall be taken of all physical conditions likely to affect the stability of *buildings, building elements* and *sitework*, including:

(j) impact

B1.3.4

Due allowances shall be made for:

- a. the consequences of failure,
- b. the intended use of the *building*,
- c. effects of uncertainties resulting from *construction* activities, or the sequence in which *construction* activities occur,
- d. variation in the properties of materials and the characteristics of the site, and
- e. accuracy limitations inherent in the methods used to predict the stability of *buildings*

B2 Durability

B2.3.1

Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the specified intended life of the building, if stated, or:

(b) 15 years if:

- a. those building elements (including the building envelope, exposed plumbing in the subfloor space, and in-built chimneys and flues) are moderately difficult to access or replace, or
- b. failure of those building elements to comply with the building code would go undetected during normal use of the building, but would be easily detected during normal maintenance.

E3 Internal moisture

E3.3.4

Wall surfaces adjacent to *sanitary fixtures* or *sanitary appliances* must be impervious and easily cleaned.

E3.3.5

Surfaces of *building elements* likely to be splashed or become contaminated in the course of the *intended use* of the building, must be *impervious* and easily cleaned.

E3.3.6

Surfaces of *building elements* likely to be splashed must be constructed in a way that prevents water splash from penetrating behind linings or into *concealed spaces*.

F2 Hazardous building materials

F2.3.1

The quantities of gas, liquid, radiation or solid particles emitted by materials used in the *construction of buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.