

CLASS 1

Building Product Information Sheet

Product name:

Elephant AquaSmart Plasterboard

Product line (the product line from which the product is customised):

Gypsum plasterboard interior wet area sheet linings

Product description and its intended use (measurements, materials, usage):

Elephant AquaSmart Plasterboard is an internal wall and ceiling lining for wet area environments. It is suitable for lining interiors of residential / commercial and industrial buildings.

Available in 10mm & 13mm thickness and 1.2m width. They can range from 2.4 - 4.8m in length.

10mm & 13mm AquaSmart plasterboards have the same water resistant core formulation.

Elephant AquaSmart Plasterboard can be identified by their unique end tapes. The core type & thickness code printed on the face paper is either 'A10' or 'A13' depending on the thickness. These products, when used within a specified Elephant Plasterboard system have performance ratings for specific applications. For full product specs refer to www.elephantplasterboard.co.nz

Product identifier (if applicable):

Unique End Tapes. Core type & thickness code printed on face. Product type/thickness/production date printed on face and back.

Place of manufacture: Aotearoa New Zealand Overseas

Legal and trading name of the manufacturer(s):

KNAUF Siam Gypsum Industries

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

Elephant Plasterboard New Zealand Limited

Address for service:

STREET NAME 14 Bancroft Crescent

SUBURB Glendene

CITY, COUNTRY Waitakere, New Zealand

POSTCODE 0602

Website:

www.elephantplasterboard.co.nz

Email address:

info@elephantplasterboard.co.nz

Phone No. (if applicable):

0800 353 742 or +64 9 8187706

NZBN (if applicable):

9429039045706

Relevant Building Code clauses:

NZBC Clause B1 Structure: B1.3.1, B1.3.2, B1.3.3 (a), (b), (c), (f), (h), (i), (l) and B1.3.4 (a), (b), (d)

NZBC Clause B2 Durability: B2.3.1(a) (i), (ii), and (iii), and B2.3.2.

NZBC Clause C1-C6 Protection from Fire.

NZBC Clause E3 Internal Moisture: E3.3.4, E3.3.5 and E3.3.6

NZBC Clause F2 Hazardous Building Materials: F2.3.1

NZBC Clause G6 -Airborne & Impact Sound: G6.3.1

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


- NZBC Clause B1 Structure: Framing material specifications used with Elephant Plasterboard Systems must be in accordance with the performance requirements of NZBC Clause B1.3.1, B1.3.2, B1.3.3 (a), (b), (c), (f), (h), (i), (l) and B1.3.4 (a), (b), (d). Elephant AquaSmart plasterboard when used and installed in accordance to system specifications outlined in the Elephant QuickBrace Systems technical literature, contributes to providing bracing resistance to light timber and light steel framed buildings subjected to wind or seismic forces.
- NZBC Clause B2 Durability: B2.3.1(a) (i), (ii), and (iii), and B2.3.2. Elephant Plasterboard performance systems have a serviceable life of not less than 50 years when installed in accordance with the relevant Elephant Technical manual specification and in a dry internal environment and when remaining dry in service.
- NZBC Clause C1-C6 Protection from Fire: Elephant AquaSmart Plasterboard used in Elephant Fire & Noise Control wall and floor/ceiling Systems meet the requirements of providing passive fire protection as per NZBC Clause C1-C6.
- NZBC Clause E3 Internal Moisture: Performance clauses E3.3.4, E3.3.5 and E3.3.6. The NZ Building Code does not call for water resistant linings in wet areas but it is desirable to specify lining materials which will maintain their integrity longer when exposed more frequently to moisture, and to one-off events such as leaks or flooding.
- NZBC Clause F2 Hazardous Building Materials: Elephant Plasterboard Systems meet this requirement of NZBC Clause F2.3.1 and will not present a health hazard to people, however in order to avoid dust from sanding compounds, use of suitable respiratory protection is recommended.
- NZBC Clause G6 -Airborne & Impact Sound: G6.3.1. Elephant AquaSmart Plasterboard when used in Elephant Noise Control Systems entitled 'Full Intertency' (STC 55 or greater) systems and installed in accordance to Elephant Noise control Systems Technical Manual, meet the requirements of NZBC Clause G6.

- *options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)*
- *standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured*
- *physical properties of the building product*
- *how the building product is intended to be used.*



Limitations on the use of the building product:

It should be noted that Elephant Plasterboard products do not satisfy code requirements on their own, but deliver code compliant performance when used as part of a Elephant Plasterboard systems and installed in accordance to the specific Elephant Plasterboard System specification outlined in the relevant Elephant Plasterboard technical literature.

These products must be handled with care as a finishing material, be installed in a dry internal environment, and remain dry in-service. These sheet materials must not be used in an unprotected external environment, or where there is risk of moisture entry or condensation. 

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

Design and installation requirements of Elephant Plasterboard are detailed in the Elephant technical literature below:

Elephant Plasterboard Installation Guide - May 2023

Elephant QuickBrace Systems Manual - July 2015

Elephant Plasterboard Fire Rated Systems Manual - March 2023

Elephant Plasterboard Noise Control System Manual - February 2023

Elephant Plasterboard Wet Area Systems Manual - July 2017

Elephant Plasterboard & Fibre Cement Fire Rated Systems Manual - February 2023

Installation requirements:

Refer to Elephant Plasterboard Installation Guide and other relevant Elephant technical manuals listed above available at <https://elephantplasterboard.co.nz/resources-new/>

NZS/AS 2589: 2017 provides further information on installation of Gypsum Linings

Ensure that Elephant Plasterboard is not exposed to moisture during installation and is installed by competent and experienced tradespersons familiar with the installation of Elephant Plasterboard Systems and NZS/AS 2589: 2017

Maintenance requirements:

Lack of maintenance is frequently the cause of premature and often expensive failure of components and building elements within wet areas. It is important to regularly inspect and repair any potential problem before it becomes expensive to reinstate. Good maintenance should include:

Ongoing ventilation, at the very least, good passive ventilation (e.g. window vents); but good active ventilation (e.g. extraction fans) of an appropriate size for the room is recommended

Impervious coatings and surfaces should be checked for wear and damage and maintained and re-coated before ingress of water to the substrate occurs

Regular cleaning with appropriate cleaners so that build-up of matter, such as mould, is well controlled

Sealants at junctions and penetrations should be checked for adhesion on a regular basis and replaced where adhesion failure to substrates occurs

Where pipe leaks have become evident, however small, they should be repaired promptly and any area around such leaks dried out completely before any other repairs are carried out

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:

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