Class 2
Building Product Information Sheet

Product name:
K2 Doors

Other product names:
K2 GRP Door

Product line:
K2 GRP Hygienic Doors

Product identifier:

Product description and its intended use:
K2 Hygienic doors are a glass reinforced polyester (GRP) moulded door with a inorganic closed cell high density PET core, hung in stainless steel / steel or GRP frames with door seals and optional flush glazed vision panels, ventilation grilles. The door set are used in areas where the highest levels of hygiene are required. K2 Hygienic doors are typically used in laboratories, research facilities, hospitals, dairy factories & food processing plants. These doors have been proven for over 15 years in interior and exterior situations.

Place of manufacture:
☑ Aotearoa New Zealand ☐ Overseas

Legal name of the manufacturer(s):
J E DENNISON LTD
Trading name of the manufacturer(s):
J E DENNISON LTD
New Zealand Business Number (NZBN):
9429031912242

Address for service:

Street Name: 5 Redruth St
Suburb: Redruth
City, Country: Timaru / New Zealand
Postcode: 7910
Website: k2doors.co.nz
Email address: k2doors@jedennison.co.nz
Phone No: 03 6880029

Relevant Building Code clauses:

B2 Durability: Performance clause B2.3.1(b)
C4 Movement to a place of safety: Performance clauses ,C4.3, C4.4, C4.5
D1 Access Routes: Performance clause D1.3.1 (b) & (c) D1.3.4 (f)
F2 Hazardous Building Materials Performance clauses F2.3.1,F2.3.2,F2.3.3

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

B2.3.1(b): K2 GRP Hygienic Doors range come with a 5 year conditional warranty and have been proven when correctly maintained and installed as per k2 doors installation guidelines to have a durability of 15 years + based on previous job history.

C4.3, C4.4, C4.5, K2 GRP Hygienic Doors range can be used within an escape route where relevant considerations are specified in the project requirements.

D1.3.1 (b) & (c) D1.3.4 (f): K2 GRP Hygienic Doors can be used within an access route where relevant considerations are specified in the project requirements.

F2.3.1, F2.3.2, F2.3.3 K2 GRP Hygienic Doors are made using non toxic materials, and can be glazed with a vision panel if required that complies with NZS 4223.3.

Limitations on the use of the building product:

K2 GRP Hygienic Doors are made from closed cell inorganic materials and manufactured to resist water penetration. Doorsets incorporate internally welded door frames and door seals to help resist water penetration. Although designed to resist water ingress, the doorsets have not been tested for water ingress in exterior applications, and K2 Doors makes no statement as to their suitability under NZBC E2 External Moisture.

If installed in an exterior wall, the doorset must be given the maximum possible protection, including overhead protection. Flashing design, supply and installation are by others.

The moisture resistance of the GRP door leaf does not establish washdown suitability for the complete doorset. Door hardware, including handles, locks, hinges, closers and associated components, must not be hosed down, water blasted or pressure washed. Door seals do not make the doorset or its hardware watertight.

Where washdown, persistent moisture, salt or chemical exposure is anticipated, the proposed frame material, finish and hardware must be confirmed with K2 Doors before specification or ordering.

Powder-coated frames are excluded from K2 Doors' express product warranty. Any separate coating warranty must be confirmed in writing for the project. The frame substrate, preparation and coating system must be suitable for the intended environment. Powder coating alone does not establish suitability for wet, corrosive or washdown conditions.

K2 GRP Hygienic Doors do not provide a fire resistant rating. Fire doors are available – see GRP fire doors:
https://k2doors.co.nz/wp-content/uploads/2024/10/k2-GRP-fire-door-building-product-information-sheet-class-2-Revision-2.pdf

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

Limitations on size and other product options are as per product data sheet.
https://k2doors.co.nz/doors/k2-hygiene-doors/.

Installation requirements (also provide link to the product installation guide):

K2 GRP Hygienic Doors Installation

Door Location, ensure that door to be installed is the correct door for the correct location in the building.
Refer to K2 Doors door detail sheet and construction floor plans.

Insure the door set is in good condition free from defects and damage prior to installation.

Install the doors as per the consented design drawings and with K2Doors installation details available at
https://k2doors.co.nz/doors/k2-hygiene-doors/

Ensure doors are installed plumb with correct tolerances with doors sealing well against the seal.

Ensure all door hardware is operating correctly.

Maintenance requirements (also provide link to the product maintenance guide):

All door hardware must be checked to suit in house maintenance schedules or at least as follows

Weekly
Visual inspection to check for any damage to door set or hardware, ensure the door closes correctly against the seal and the latch operates. Check there is nothing that will prevent the doors from functioning correctly.

Door Seals – 6 months
Visually check the door seals for any rips or tears. If there are any please contact K2 Doors to arrange replacement seals. Seals may be cleaned with a mild detergent mix. Once the seal has been cleaned rinse and dry the surface.

Door Handles – 12 months
Check that the handle is operating freely and not getting sticky, also that the striking latch is operating correctly. If it is sticky, a squirt of WD40, CRC or silicon spray may be used to free it up. Check all screws are tightened.

Hinges
A visual check on hinges is all that is required, sometimes they may leak a little grease. If that's the case simply wipe them down with a mild detergent mix with warm water or spirit based solvents. Once the hinge has been cleaned rinse and dry the surface. Check all screws are tightened.

Is the building product/building product line subject to warning or ban under section 26?:
☐ Yes ☑ No

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