

A range of interior sliding and swing doors to compliment the Alement Series

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



Autex PSL confirms that this minimum level of assurance has been met or exceeded by the following:

Autex PSL

[Technical Data](#)

Technical Statement

Product Description

This door suite is specifically designed for interior use. Styles and rails are available in 75mm, 100mm and 125mm dimensions.

All sections have clean lines and the suite also includes specialist sliding door styles to increase acoustic performance.

The door has sharp clean lines, and is either top or bottom hung. It is fully compatible with the Alement sliding door system. It has been used in banks, offices, schools and universities.

Scope of use

Our door sections can be used in internal and external locations for hinged doors, internal for sliding doors, Bi folding and pivot.

The door weights can make a difference to the user experience and this should be taken into consideration to determine the panel size. The PSL Team can help with this.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 Structure:** Performance B1.3.1, B1.3.2
- **Clause B2 Durability:** Performance B2.3.1(b)
- **Clause F2 Hazardous building materials:** Performance F2.3.1

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:

Autex PSL

[Technical Data](#)

Use in Service History

PSL products have been used in New Zealand construction sector for over 20 years

Product Criteria

Design requirements

All door sections are in 2.8m lengths, longer lengths can be arranged.

If you require doors taller than 2750mm, contact us so we can confirm the door will operate correctly and we can advise on the number of hinges to the door size.

Typically hinged doors would be a maximum width of 1100mm, sliding doors can be 2800 wide x 2750 tall. We can do doors as long as 5.0m.

Doors can have transom and mullions.

Installation requirements

All doors shall be fixed together using PSL fixing packs which included all spacers, bolts and plugs required to construct a door panel.

Most doors will require a brush seal to the leading edge, we have proprietary seals for the doors, these vary depending on the requirements

Maintenance requirements



masterspec partner

Company Contact Details

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Autex PSL Alement Doors Range

Product Technical Statement: 106478



Anodised aluminium should be washed down with warm water & a mild soap solution. Fine brushes may be used to loosen attached grime - the use of anything stiffer or abrasive may result in damage to the surface. Acid or alkali cleaners should not be used, these will damage anodic films & may discolour coloured joinery. Make sure no solvents come into contact with other parts of the window.

NB: Solvents must be kept from contact with the vinyl glazing gaskets. It is essential to rinse after cleaning with copious applications of clean water particularly where crevices are present and then dry the glass to avoid any marks.

Recommended:

Rural: Every 6 months

Urban: Every 3 months

Industrial & Marine environments: (within 1 km of the sea): 6 monthly warm water detergent wash, as well as monthly cold water washing.

Warrantees

WARRANTY - MANUFACTURER/SUPPLIER

5 years For materials

WARRANTY - INSTALLER/APPLICATOR

1 year For execution

- Provide this warranty on the installer/applicator standard form.

- Commence the warranty from the date of practical completion of the contract works

Company Product Information

Environmental

Our aluminium profiles are extruded in New Zealand by McKechnie Aluminium Solutions. All sections have a minimum of 80% recycled content. Recycled aluminium is re melted on site and use only 5% of the energy used for to produce Alumina.

They also have [Enviromark Diamond status and have ISO14001 Environmental Management accreditation](#)

Quality Assurance



ISO 9001 (Quality Management)

Relationships



New Zealand Made



Date last validated: **28 October 2020**



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