

Specifically designed for 92mm steel studs and stud heights typically over 2.7m.

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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

Alement 92 is ideal for buildings with high studs. The system has been widely used in polytechs, universities, council offices, public spaces and office spaces. The system is central glazed and fully integrates with our range of hinged and sliding doors

- 80% Recycled aluminium content
- New Zealand Made
- New Zealand owned and operated
- Proven history,
- fit for purpose Glazing pockets easily take 12.8 lam glass
- Premium Niche Anodised finish is our standard finish

### Scope of use

Alement 92 has been designed for interior partitioning using 92mm steel stud with 1 layer of 13mm plasterboard each side. Ideal for ceiling heights under 2.7m and greater. The system can be configured in many ways to achieve the look you want, with a range of removable beads on Mullions, Transoms and Glazing bars.

The only restrictions for the glazed walls will be determined by the NZ Glazing Standards, we are happy to work through this with you.

Our sections meet all NZ standards for extruded aluminium and surface finish.

Alement 92 can be used along side all our profiles.

### 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 projects in the New Zealand construction sector for over 20 years

## Product Criteria

### Design requirements

Alement 92 can be installed in many configurations. There are often multiple ways to achieve the same look with different products.

Typically the system works best with ceiling heights 2.7m or greater. Glazing run lengths are determined by NZ glazing standards.

13mm plasterboard is required with this system to form flush walls

The system can accommodate full height doors, aluminium or timber both hinged or sliding.

Partitions need to have seismic restraints such as Tracklok partition brace

**masterspec partner**

#### Company Contact Details

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## Installation requirements

Install in accordance with Autex PSL installation requirements, for Alement 92

[www.autexpsl.co.nz](http://www.autexpsl.co.nz)

## Maintenance requirements

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. Where greasy deposits are present, cleaning of the anodising may be by means of a soft cloth dipped in white spirit, or a mild liquid scourer followed by wiping with a dry rag. 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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