

The Alement 64 system has been used on a number of quality fit-outs. Designed for 64mm stud

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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 Ltd

[Technical Data](#)



## Technical Statement

### Product Description

The Alement 64 System has been used on a large number of quality fitouts through out New Zealand. Alement 64 system can be used with all of our other systems to create an executive look and feel for your next project.

Specifically designed for interiors, using 64mm steel stud with 13mm plasterboard. Ideal for ceiling heights under 3.0m

- 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
- Can be powder coated in a wide range of colours
- Expert technical help

### Scope of use

Alement 64 has been designed for interior partitioning using 64mm steel stud with 1 layer of 13mm plasterboard each side. Ideal for ceiling heights under 3.2m (but not limited to)

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 64 can be used along side our DesignLine system, Alement 92, Alement Doors, Alement Sliding Doors and Alement MultiLayer

### 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 Ltd  
[Technical Data](#)

### Use in Service History

PSL have been supplying aluminium systems to the New Zealand construction sector for over 20 years

## Product Criteria

### Design requirements

Alement 64 can be installed in many configurations. There are often multiple ways to achieve the same look with different products.

## masterspec partner

### Company Contact Details

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Typically the system works best with ceiling heights under 3.2m. Glazing run lengths are determined by NZ glazing standards.

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

## Installation requirements

Install in accordance with Autex PSL installation requirements, for Alement 64

[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 maybe 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 [Enviomark 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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