

Title	Repair non-standard architectural aluminium joinery products		
Level	4	Credits	10

Purpose	<p>This unit standard is for experienced people employed to repair non-standard architectural aluminium joinery products.</p> <p>People credited with this unit standard are able to prepare to repair, and repair non-standard architectural aluminium joinery products.</p>
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Classification	Joinery > Architectural Aluminium Joinery
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Available grade	Achieved
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Guidance Information

- Industry references and guidelines include – the Window Association of NZ Window Installation System guidelines ([WANZ WIS Installation Guide](#)), the Insulated Glass Unit Manufacturers Association (IGUMA) guidelines and data sheets ([IGUMA guidelines](#)), all available from the Window Association of NZ (Inc.), PO Box 11 464, Manners Street, Wellington, and the BRANZ recommendations for installation, available at <http://www.branz.co.nz>.
- Legislation and standards relevant to this unit standard include – Building Act 2004, Health and Safety in Employment Act 1992, Resource Management Act 1991, New Zealand Building Code Compliance Documents and Handbooks. Wellington: Department of Building and Housing, 2008, available at <http://www.dbh.govt.nz/building-code-compliance-documents>, New Zealand Standard (NZS) 4211:2008 *Specification for performance of windows*, NZS 3504:1979 *Specification for aluminium windows*, NZS 3604:1999 *Timber Framed Buildings*, AS/NZS 1170.0:2002 *Structural design actions – General principles*, NZS 4223.3:2011 *Code of practice for glazing in buildings – Human impact safety requirements*, and AS/NZS 4666:2012 *Insulating glass units, E2 AS/1 – the Acceptable Solution for Clause E2 External Moisture of the NZ Building Code (the ‘Weathertightness solution’)* and sets out performance standards for installation of windows and doors, available at <http://www.standards.co.nz>.
- Definitions

Company procedures – the documents and procedures that include company rules, codes and practices; machine and equipment operating instructions; quality and conformance checks; and health and safety requirements.

Non-standard architectural aluminium joinery products – unique designs or ‘one-off’ products characterised by unusual or non-standard angles and dimensions.

Outcomes and performance criteria

Outcome 1

Prepare to repair non-standard architectural aluminium joinery products.

Performance criteria

- 1.1 Area to be repaired is checked against client requirements.
- Range requirements may include – timing of repair, requirements and availability of any scaffolding or hoisting arrangements, availability of any sub-contracted personnel.
- 1.2 Repair options are communicated and agreed with the client in accordance with company procedures.
- 1.3 Materials and equipment required for the repair are prepared in accordance with company procedures.
- 1.4 Any sub-contracted personnel required for the work are confirmed in accordance with company procedures.

Outcome 2

Repair non-standard architectural aluminium joinery products.

Performance criteria

- 2.1 Sash is checked to ensure compatibility with the repair specifications.
- Range checking includes – size, measurements, configuration, colour.
- 2.2 Profile is matched to ensure compatibility with the repair specifications.
- 2.3 Repair is completed in accordance with company procedures and client requirements.
- 2.4 Completed repair is checked to ensure it meets client requirements and any relevant industry standards requirements.
- 2.5 Any documentation and inspections are completed in accordance with company procedures and client requirements.

This unit standard is expiring. Assessment against the standard must take place by the last date of assessment set out below.

Replacement information	This unit standard was replaced by unit standard 33032.
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 May 2015	31 December 2025
Review	2	26 May 2022	31 December 2025

Consent and Moderation Requirements (CMR) reference	0048
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

This unit standard is expiring