

<b>Title</b>	<b>Repair architectural aluminium joinery products</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>15</b>

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

- 1 References
 

Insulated Glass Unit Manufacturers Association (IGUMA) guidelines and data sheets all available from the Window Association of NZ (Inc.), PO Box 11 464, Manners Street, Wellington.

BRANZ recommendations for installation, available at <http://www.branz.co.nz>.
- 2 Legislation and standards relevant to this unit standard include – Building Act 2004, Health and Safety at Work Act 2015, 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 3604:2011 *Timber-framed buildings*, AS/NZS 1170.0:2002 *Structural design actions – General principles*, NZS 4223.3:2016 *Glazing in buildings – Part 3: Human impact safety requirements*, and AS/NZS 4666:2012 *Insulating glass units, E2 AS/1 – Acceptable Solution E2/AS1: External Moisture*, available at <https://codehub.building.govt.nz/resources/e2as1-amd-9/>.
- 3 Definition
 

*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.

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## Outcomes and performance criteria

### Outcome 1

Prepare to repair 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 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.

<b>Replacement information</b>	This unit standard replaced unit standard 28752.
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<b>Planned review date</b>	31 December 2026
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	26 May 2022	N/A

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

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### Comments on this unit standard

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council [qualifications@hangaarorau.nz](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this unit standard.