

Title	Glaze an aluminium frame with monolithic glass		
Level	4	Credits	2

Purpose	<p>A person credited with this standard can:</p> <ul style="list-style-type: none"> - prepare to glaze an aluminium frame with monolithic glass; - glaze an aluminium frame with monolithic glass; and - complete cleaning and storage requirements.
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Classification	Construction Trades > Glazing
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Available grade	Achieved
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Guidance Information

1 Assessment

This unit standard must be assessed under the supervision of a commercially competent practitioner in construction workplace conditions that reflect:

- current health, safety, industry, and workplace requirements; and
- industry requirements for commercially acceptable timeframes.

Evidence generated for assessment against this standard must be verified by a person who has current expertise in the glazing trades and has had the opportunity to regularly observe the candidate in the workplace.

- 2 Glazing must be completed without injury to personnel or damage to products and equipment. Personal protective equipment must be used to meet regulatory and worksite requirements.

3 Definitions

Personal protective equipment includes – anything used or worn by a person (including clothing) to minimise risks to the person's health and safety.

Worksite requirements refer to instructions to staff on policy and procedures which are documented in manual format and are available in the workplace. These requirements include – company specifications and procedures, work instructions, manufacturer's specifications, product quality specifications, legislative requirements.

4 Range

Glass types may include – annealed, toughened, laminate;
frame types may include – aluminium, fixed frame, hinged doors, sliding doors.

- 5 Evidence generated for assessment against this standard must reflect the best practice guidelines and principles specified in:
- NZS 4223.1:2008. *Glazing in buildings – Part 1: Code of practice for glazing in buildings - Glass selection and glazing*;
 - NZS 4223.3:2016. *Glazing in buildings – Part 3: Human impact safety requirements*;
 - NZS 4223.4:2008. *Glazing in buildings - Part 4: Wind, dead, snow, and live actions*;
 - AS/NZS 4668:2000. *Glossary of terms used in the glass and glazing industry*.
- AS/NZS and NZS standards are available at <http://www.standards.govt.nz>.

Outcomes and performance criteria

Outcome 1

Prepare to glaze an aluminium frame with monolithic glass.

Performance criteria

- 1.1 Select glazing materials and sealants to meet the job specifications.
- 1.2 Check and gather equipment, tools, and glazing materials before work begins.
- 1.3 Check the frame and remedy any issues.

Range obstruction free, clean, dry, compatible with glazing material and glazing system, clear drainage.

Outcome 2

Glaze an aluminium frame with monolithic glass.

Range four of – bead glazing with butyl tape, bead glazing with foam tape, bead glazing with sealants, combination methods, bead glazing with wedge and pressure bead glazing.

Performance criteria

- 2.1 Glaze an aluminium frame with monolithic glass to meet the job specification.

Range may include but is not limited to – disassemble frame, re-assemble frame.

- 2.2 Provide the customer with information about maintenance requirements.

Outcome 3

Complete cleaning and storage requirements.

Performance criteria

3.1 Clean and store tools and plant used to glaze frames.

Range plant may include – any vehicle, equipment (including personal protective equipment) or tools used in a glazing operation

3.2 Clean the glazed frame and clear and clean the work area.

Planned review date	31 December 2029
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	24 November 2022	31 December 2025
Review	2	28 November 2024	31 December 2025
Review	3	26 June 2025	N/A

Consent and Moderation Requirements (CMR) reference	0120
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@waihangaararau.nz if you wish to suggest changes to the content of this unit standard.