

Title	Install a splashback and mirror glazing application		
Level	4	Credits	20

Purpose	<p>A person credited with this standard can:</p> <ul style="list-style-type: none"> • complete a site measure and plan for installation of splashback and mirror glazing; • install a splashback and mirror glazing application; 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 Industry expects this standard to be assessed toward the end of a glazing apprenticeship programme when the apprentice has had opportunity to practice installation all types of splashbacks and mirrors.

- 2 **Assessment**

Evidence for the installation of a splashback and mirror glazing application must:

- be to current and relevant Legislation, Standards, and Codes (including safety),
- be to the requirements of the proprietary systems,
- minimise material wastage,
- be collected within an acceptable timeframe,
- be in a manner that maintains a safe and tidy work environment,
- be for different and unfamiliar projects,
- reflect acceptable behaviours.

Evidence for this standard must be verified by an employer or person with delegated authority who has current expertise in the glazing trades and has had the opportunity to regularly observe the candidate in the workplace.

- 3 Installations 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. Glass surface must be protected during handling, transportation, installation, or other site activities.

- 4 **Definitions**

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

Splashback is a glass cladding mounted on a wall to provide an aesthetic element to a structure and to protect the wall.

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.

- 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*;
 - 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

Complete a site measure and plan for installation of splashback and mirror glazing.

Performance criteria

- 1.1 Confirm customer requirements and job specifications before beginning work.
- Range scope of work, location of job, location of services, site access, fixing method, materials and quantities.
- 1.2 Locate electrical and plumbing services before installation.
- 1.3 Prepare an installation plan using information about customer requirements, job specifications, and location of hidden services.
- 1.4 Prepare drawings and/or templates suitable for glass ordering according to aesthetic considerations.

Outcome 2

Install a splashback and mirror glazing application.

Range multiple glass panels on adjacent walls, cut-outs, corner and centre notches, splashbacks over multiple panels.

Performance criteria

- 2.1 Check and gather equipment, tools, and installation materials before work begins.
- 2.2 Check splashbacks and mirrors for faults before installation.
- Range scratches, silver faults, edge damage, glass faults, edge seal damage.

- 2.3 Resolve any faults.
- 2.4 Confirm that the wall is flat and square and address any inconsistencies.
- 2.5 Select and apply adhesives compatible with mounting surface and splashback or mirror backing.
- 2.6 Fix splashbacks and mirrors according to the installation plan.
- Range fixing methods include – adhesive and tape, screws, metal channelling, mirror pads.
- 2.7 Complete installation quality checks.
- Range checks include – panels are square, plumb, and secure, drainage and/or freely ventilated airspace between the splashback or mirror and wall meets the job specifications and worksite requirements, silicone joints adherence and free of airgaps, aesthetic elements printed panels meet specifications.
- 2.8 Provide information to the client about maintenance requirements.

Outcome 3

Complete cleaning and storage requirements.

Performance criteria

- 3.1 Clean and store tools and plant used to install splashbacks and mirrors.
- Range plant may include – any machinery, vehicle, equipment (including PPE) used in a glazing operation.
- 3.2 Clean the installation 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	30 June 2026
Review	2	28 November 2024	30 June 2026
Review	3	29 May 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.