

<b>Title</b>	<b>Apply resin to floors</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>45</b>

<b>Purpose</b>	<p>This unit standard is for experienced people working in the resin flooring sector of the industry.</p> <p>People credited with this unit standard are able to: confirm flooring job and specifications; carry out pre-application procedures for applying resin to floors; apply resin to floors; maintain a safe working environment; and complete job records.</p>
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<b>Classification</b>	Construction Trades > Flooring
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Performance of the outcomes of this unit standard must comply with the following legislation and guides: the Building Act 2004; Health and Safety in Employment (HSE) Act 1992; *A Guide to the Health and Safety in Employment Act 1992*, 2<sup>nd</sup> edition (Department of Labour, 2003) available at <http://www.osh.dol.govt.nz>; and their subsequent amendments.
- 2 **Definition**  
*Workplace procedures* are all authorised instructions, processes and work practices carried out in the workshop, factory, shop and worksite.
- 3 This unit standard must be assessed in a realistic workplace environment. The candidate must be under realistic time pressures, use relevant commercial equipment, and have realistic staff ratios. Commercially acceptable timeframes vary for the different flooring installation sectors.
- 4 **Range**  
Resin floors may include but are not limited to vertical and horizontal surfaces, both interior and exterior, covering high build coatings, self smoothing coatings, textured flooring, trowelled screeds, and laminates; evidence is required of one of each of the above.

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### Outcomes and performance criteria

#### Outcome 1

Confirm flooring job and specifications.

**Performance criteria**

- 1.1 Job is confirmed to be consistent with job sheet in accordance with workplace procedures.
- Range includes but is not limited to – client name, location, access, area, environment.
- 1.2 Job specifications are confirmed to be consistent with client's requirements and job sheet.
- 1.3 Material supplied is checked for its consistency with the material specifications.
- 1.4 Equipment is selected in accordance with the job specifications.
- Range may include but is not limited to – tools, fire extinguisher, applicators, vacuum cleaner, mixing equipment, floor preparation equipment, measuring equipment.

**Outcome 2**

Carry out pre-application procedures for applying resin to floors.

**Performance criteria**

- 2.1 Any defects are identified and treated in accordance with workplace procedures.
- 2.2 Anchoring grooves, if required, are calculated and cut in accordance with manufacturer's instructions and workplace procedures.
- 2.3 Termination points are identified and established in accordance with manufacturer's instructions and workplace procedures.
- 2.4 Falls, levels and tolerances are evaluated and adjusted, if required, in accordance with manufacturer's instructions and workplace procedures.
- 2.5 Existing construction and/or control joints are located and recorded, if required, in accordance with workplace procedures.
- 2.6 Environmental characteristics are measured and recorded in accordance with manufacturer's instructions and workplace procedures.
- Range environmental characteristics may include but are not limited to – temperature, relative humidity, dew point, strength, tensile strength, contamination, moisture content, stability, structure.

**Outcome 3**

Apply resin to floors.

**Performance criteria**

- 3.1 Resin flooring systems are selected, proportioned, mixed and applied to the floor in accordance with manufacturer’s instructions and workplace procedures.  
  
Range resin flooring systems may include but are not limited to – primers, sealers, screeds and/or broadcasts, body coat, top coat.
- 3.2 Resin flooring systems are monitored to ensure performance compliance during, between and after applications in accordance with manufacturer’s instructions and workplace procedures.
- 3.3 Resin flooring systems are protected until cured or hardened in accordance with manufacturer’s instructions and workplace procedures.

**Outcome 4**

Maintain a safe working environment.

**Performance criteria**

- 4.1 Work practices are carried out without injury to people or damage to equipment, building, or plant, in accordance with workplace procedures.
- 4.2 Personal protective equipment for the task at hand is selected and worn in accordance with manufacturers’ specifications and workplace procedures.  
  
Range may include but is not limited to – ear muffs, safety glasses, gloves, mask, knee pads, protective clothing, safety footwear.
- 4.3 Safety notices are distributed, and signs bearing notification of work are erected in accordance with workplace procedures.
- 4.4 Work area is kept clear of debris and unwanted items in accordance with workplace procedures.

**Outcome 5**

Complete job records.

**Performance criteria**

- 5.1 Job sheets are completed in accordance with workplace procedures.
- 5.2 Records are stored in accordance with workplace procedures.

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<b>Replacement information</b>	This unit standard was replaced by unit standard 32546.
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**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	18 February 2011	31 December 2023
Review	2	25 November 2021	31 December 2023

<b>Consent and Moderation Requirements (CMR) reference</b>	0175
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.