

Title	Prepare to fix tiles		
Level	4	Credits	40

Purpose	<p>This unit standard aligns with the New Zealand Certificate in Trowel Trades – Specifications, developed on behalf of the trowel trades to specify the skills and knowledge required to achieve the New Zealand Certificate in Trowel Trades (Level 4) with strands in Brick and Block Laying, Floor and Wall Tiling, Proprietary Plaster Cladding Systems, Ferro-cement Tank Manufacture, Refractory Installation, and Solid Plastering (with optional strands in Fixing Cavities and Substrates, and Decorative Mouldings) [Ref: 3137].</p> <p>This unit standard is intended for those working in the floor and wall tiling industry.</p> <p>People credited with this unit standard are able to prepare to fix tiles to the level required of a commercially competent floor and wall tiler.</p>
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Classification	Construction Trades > Floor and Wall Tiling
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Available grade	Achieved
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Guidance Information

This unit standard is one of a family of standards that align with the *New Zealand Certificate in Trowel Trades – Specifications* and should be read, interpreted and assessed in the context of those *Specifications* and the New Zealand Certificate in Trowel Trades (Level 4) with strands in Brick and Block Laying, Floor and Wall Tiling, Proprietary Plaster Cladding Systems, Ferro-cement Tank Manufacture, Refractory Installation, and Solid Plastering (with optional strands in Fixing Cavities and Substrates, and Decorative Mouldings) [Ref: 3137].

The overarching level of performance for the family of unit standards is commercial competence.

Commercial competence requires a candidate to be capable of consistently performing the requirements of the unit specification:

- to current regulatory, industry and commercial standards
- within a commercially viable timeframe
- in commercial environments
- without supervision
- in different and unfamiliar contexts.

The sufficiency of evidence required to demonstrate commercial competence against this unit standard is determined within the context of the family of unit standards aligned to the *Specifications*.

The assessor must be confident that the candidate is capable of applying the skills and knowledge included in this skill specification to the level, scope and complexity required to support the achievement of related skills included in the *Specifications*.

Commercial competence can only be demonstrated, and must be assessed, in the workplace.

The assessment of commercial competence must be corroborated and confirmed by a person who has current expertise in the floor and wall tiling trade and has had the opportunity to regularly observe the candidate in the workplace.

Reference

New Zealand Certificate in Trowel Trades – Specifications, BCITO, February 2016, available from www.bcito.org.nz.

Skill specification and performance level guidance

Skill specification

Prepare to fix tiles.

- Know** The different types and properties of substrates to which tiles are laid.
- How to prepare new and existing substrates and surfaces for fixing tiles.
- How to determine the set-out for tiles.
- How to confirm the suitability of pre-installed systems over which tiles will be fixed.
- Do** Order materials and co-ordinate deliveries.
- Check quality, quantity, consistency and finish of delivered materials.
- Prepare new and existing substrates and surfaces for fixing tiles.
- Set out in preparation for fixing tiles.

Performance level guidance

Preparation of new and existing substrates and surfaces (where applicable depending on the type and condition of surface and substrates, deflection rates and requirements for tiling) includes remedial work, grinding, priming, levelling and applying a waterproofing system.

Substrates include those fixed in horizontal and vertical planes to light timber or steel framed structures (such as plaster board, tile and slate underlay); and solid substrates (such as block and concrete).

Surfaces include substrates (as above) and existing finishes to substrates including tiles, acoustic membranes, butyl rubber, rendered surfaces, cork tiles, metal, glass, painted surfaces and plastic.

Set-out includes considering the laying surface, proposed tiling pattern and allowance for structural movement stress points and control joints to determine logical tile set-out.

Pre-installed systems include under tile heating systems, waterproofing systems and acoustic membrane systems.

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	27 September 2018	31 December 2025
Review	2	25 August 2022	31 December 2025

Consent and Moderation Requirements (CMR) reference

0048

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.