

## 40541 Use materials for a basic BCATS project or related tasks

<b>Kaupae   Level</b>	1
<b>Whiwhinga   Credit</b>	5
<b>Whāinga   Purpose</b>	<p>This skill standard is for people intending to gain an introduction to basic skills relevant to the building, construction, and allied trades sectors.</p> <p>This skill standard recognises the knowledge, and safe use, of materials for a project or related tasks for building, construction, and allied trades.</p> <p>This skill standard aligns with the New Zealand Certificate in Building, Construction, and Allied Trades Skills (Level 1) [Ref: 3843].</p>

### Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

<b>Hua o te ako   Learning outcomes</b>	<b>Paearu aromatawai   Assessment criteria</b>
1. Use materials for a basic BCATS project or related tasks.	a. Types of timber and BCATS materials, and their uses for different purposes are described.
	b. Timber and other materials are safely used and handled in the BCATS environment.
	c. Timber and materials are safely stored to prevent damage.

### Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

#### *Assessment specifications:*

Candidates must demonstrate competence for this skill standard while undertaking a project or related tasks.

*Basic BCATS projects or related tasks* at this level should demonstrate basic processes and techniques, using a limited range of tools, focusing on following instructions and plans to achieve the project requirements.

Candidates must use and handle a range of materials used for building, construction, and allied trades. This may include fixings, adhesives, coatings, manufactured boards, aluminium, copper, resin, plastic, recycled materials, timber, galvanised steel, stainless steel, sheet materials, glass, masonry, hardware, upholstery (fabric or leather).

**Ngā momo whiwhinga | Grades available**

Achieved / Merit / Excellence.

<b>Paetae   Achieved</b>	<b>Kaiaka   Merit</b>	<b>Kairangi   Excellence</b>
Use materials for a basic BCATS project or related tasks.	Effectively use materials for a basic BCATS project or related tasks.	Skilfully use materials for a basic BCATS project or related tasks.

*Kaiaka|Merit: Effectively* refers to suitability of materials for the intended project and efficient techniques for use and handling.

*Kairangi | Excellence: Skilfully* refers to a comprehensive understanding of material suitability for the specific project and precision with which materials are used.

**Ihirangi waitohu | Indicative content**

Timber

- The methods of timber conversion.
- Methods of seasoning timber.
- Types of preservation treatment for building timbers and the applications of each.

BCATS materials

- Different fixings and adhesives that may be used.
- Different material types and their uses.
- Limitations of materials.
- Safety when using materials.
- Construction techniques for different material types.
- Material handling.
- Common environmental conditions that can result in deterioration of materials.
- Care for materials when not in use.

**Rauemi | Resources**

BCATS Programme Guidance, available from [qualifications@waihangaararau.nz](mailto:qualifications@waihangaararau.nz).

**Pārongo Whakaū Kouna | Quality assurance information**

<b>Ngā rōpū whakatau-paerewa  </b> Standard Setting Body	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council
<b>Whakaritenga Rārangi Paetae Aromatawai  </b> DASS classification	Planning and Construction > Construction Trades > Building, Construction, and Allied Trades Skills
<b>Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga  </b> CMR	0120

<b>Hātepe  </b> Process	<b>Putanga  </b> Version	<b>Rā whakaputa  </b> Review Date	<b>Rā whakamutunga mō te aromatawai  </b> Last date for assessment
<b>Rēhitatanga  </b> Registration	1	29 May 2025	N/A
<b>Kōrero whakakapinga  </b> Replacement information	This skill standard replaces unit standard 24355.		
<b>Rā arotake  </b> Planned review date	31 December 2030		

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at [qualifications@waihangaararau.nz](mailto:qualifications@waihangaararau.nz) to suggest changes to the content of this skill standard.