



Australian Government

MSFFL3079 Adapt and apply custom designs to timber flooring

Release: 1

MSFFL3079 Adapt and apply custom designs to timber flooring

Modification History

Release 1. Supersedes and is equivalent to MSFFL3029 Adapt and apply custom designs to timber flooring.

Application

This unit describes the skills and knowledge required prepare and present a range of design solutions to fulfill a design brief, including the interpretation of technical drawings, design schedules, and the adaption of installation systems and materials to provide solutions to environmental issues.

This unit applies to flooring technicians.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

N/A

Unit Sector

Flooring technology

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Select and adapt the design	1.1 Determine parameters of client design concept from documentation or interaction with the client 1.2 Match client design concept with available custom designs and select the preferred design 1.3 Confirm subfloor suitability for installation consistent with Australian Standards and manufacturer recommendations 1.4 Adapt design concept to suit the site conditions
2. Select materials	2.1 Use budget and availability constraints to identify realistic material options 2.2 Analyse timber options on the basis of durability, longevity, aesthetics, manufacturer recommendations and client expectations

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	2.3 Select most appropriate material options and incorporate into the job specification
3. Select the installation system and finishing technique	3.1 Identify and analyse effects of finishing materials on the final appearance of the design 3.2 Identify environmental and site conditions that may create limitations or restrictions on the installation systems available 3.3 Identify effects of the finishing technique on the final appearance of the design 3.4 Select finishing techniques and materials which best complement the design aesthetics and incorporate into the job specification
4. Finalise the job specification	4.1 Finalise job specifications covering working drawings, material specifications and costs 4.2 Obtain client approval for the job specification

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency

Unit Mapping Information

Supersedes and is equivalent to MSFFL3029 Adapt and apply custom designs to timber flooring.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>

Assessment Requirements for MSFFL3079 Adapt and apply custom designs to timber flooring

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Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- adapted 2 custom designs for timber flooring, including the preparation of detailed job specifications.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- mathematical procedures for estimation and measurement, including calculation of area and estimation of material requirements
- types, characteristics, uses and limitations of commonly used flooring timbers in relation to:
 - colour
 - texture
 - hardness
 - workability
 - compatibility
 - endurance
- types, characteristics, uses, limitations and effects on timber of finishing materials
- availability and costs of flooring timbers
- manual and computer aided drawing techniques.
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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies.

The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - product information
 - customer requirements

- drawing materials – manual and/or computer-aided
- workplace procedures.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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