



Australian Government

MSFFL3080 Install timber flooring materials to stairs

Release: 1

MSFFL3080 Install timber flooring materials to stairs

Modification History

Release 1. Supersedes and is equivalent to MSFFL3030 Cut and install timber flooring materials to stairs.

Application

This unit describes the skills and knowledge required to prepare, set out, cut and lay timber flooring materials to stairs and steps.

This unit applies to flooring technicians installing timber to stairs in accordance with pre-determined work orders.

Licensing, legislative or certification requirements may apply to this unit and relevant state/territory and local government agencies should be consulted to determine any necessary certification or licensing for undertaking flooring work. Industry standards and codes of practice within Australia must also be applied. Access to construction sites requires certification of general induction training specified by the National Code of Practice for Induction for Construction Work (ASCC 2007).

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. Prepare materials for installation	1.1 Identify and follow work health and safety, legislative and organisational requirements 1.2 Correctly identify work requirements and process from review of documentation 1.3 Confirm subfloor suitability for installation consistent with Australian Standards and manufacturer recommendations 1.4 Measure stairway or steps and accurately calculate the required amount flooring materials

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.5 Select adhesives, trims and accessories based on job requirements 1.6 Select tools and equipment and check prior to use to ensure that they are appropriate for the work, serviceable and in a safe condition 1.7 Plan sequence of work, including a starting point, to ensure efficiency and quality of installation
2. Set out materials for installation	2.1 Check timber flooring against work order and acclimatise in accordance with manufacturer recommendations 2.2 Use materials in accordance with safety management requirements 2.3 Establish working lines and starting point
3. Lay out flooring material	3.1 Follow instructions and sequence for laying and fixing 3.2 Lay out materials to meet specifications and minimise waste 3.3 Maximise the aesthetics of the materials, including matching grains and colours 3.4 Check required underlay against specified type, manufacturer recommendations and fittings 3.5 Carry out any remedial work to stairway to ensure finished stairway is consistent with guidelines set out in relevant standards, codes and guidelines
4. Install flooring material	4.1 Cut flooring materials in accordance with workplace procedures 4.2 Install required underlay in accordance with manufacturer recommendations 4.3 Use fixing methods and equipment in accordance with manufacturer recommendations and safety management requirements 4.4 Install flooring materials to specifications to the subfloor in accordance with workplace procedures 4.5 Check finished stairway for flaws in installation and materials and rectify faults
5. Complete housekeeping	5.1 Store and recycle unused materials in accordance with workplace procedures 5.2 Check, clean and store tools and equipment in accordance with workplace procedures 5.3 Clean work area and dispose of rubbish safely 5.4 Accurately complete required workplace documentation

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 MSFFL3030 Cut and install timber flooring materials to stairs.

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 MSFFL3080 Install timber flooring materials to stairs

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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:

- completed 3 types of timber flooring material installations to stairs, that individually or cumulatively involve:
 - standard stairs
 - kite winders
 - triangular winders
 - installation of a non-slip nosing, tape or non-slip coating.
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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
- timber flooring installations to stairs:
 - Australian Standards requirements
 - workplace safety system requirements
 - work flow
 - environmental protection and sustainability requirements
 - how to access manufacturer instructions
 - characteristics of timber and monolithic sub-floors
 - techniques for preparing sub-floors
 - techniques and requirements for conducting moisture testing (why only this unit?)
 - types and characteristics of different stair styles, including:
 - open newel
 - bullnose steps
 - circular
 - recessed steps
 - open tread
 - box steps

- kite winder treads
- types, characteristics, uses and limitations of timber flooring materials on stairs, including:
 - parquetry
 - floating floors
 - strip timber floors (non-structural)
- types, characteristics, safe use, maintenance and limitations of tools, materials and equipment
- techniques for set out, laying, cutting and fixing, the types of problems that may occur and how to avoid and respond
- quality indicators for completed work
- procedures for the recording, reporting and maintenance of workplace records and information.
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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:
 - stairs requiring installation of timber coverings
 - equipment, tools and materials to complete tasks in the Performance Evidence, including safety and personal protective equipment
 - work orders
 - workplace procedures.

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