



Australian Government

MSFFL2042 Nail strip timber flooring

Release: 1

MSFFL2042 Nail strip timber flooring

Modification History

Release 1. Supersedes and is equivalent to MSFFL2026 Nail strip timber flooring.

Application

This unit describes the skills and knowledge required to use top-nailing or secret nailing methods when installing tongue and groove strip timber flooring onto plywood underlay and battens over joists, concrete or a subfloor to either raise a floor or correct the level of a floor

Timber flooring includes timber plywood underlay manufactured under a JAS-ANZ accredited product certification scheme meeting the internationally recognised ISO Type 5 system for product reliability to AS/NZS 2269.0:2012 Plywood - Structural - Specifications

This unit applies to flooring technicians working 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 for work	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 Assess subfloor condition for suitability for nailing consistent with Australian Standards and manufacturer recommendations

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Select fixings and adhesives based on job requirements 1.5 Select and check tools, equipment and materials prior to use to ensure that they are appropriate for the work, serviceable and in a safe condition 1.6 Plan sequence of work to ensure efficiency and quality of application
2. Prepare to nail strip timber flooring	2.1 Follow instructions and sequence for nailing and fixing timber flooring 2.2 Establish work lines and starting point 2.3 Lay out timber flooring to meet directional sequence, pattern match, specification requirements, minimising waste and joins 2.4 Inspect timber flooring material and confirm species, grade, size and quantity against work orders 2.5 Moisture check timber using required equipment and confirm suitability of moisture content for site conditions as per pre-site inspection procedures 2.6 Maximise the aesthetics of the materials by matching grains and colours where appropriate 2.7 Establish safely located work station as power source for nail guns, and run air hoses to worksite in manner that minimises risk
3. Nail strip timber flooring	3.1 Organise and use nails, staples and adhesives for fixing in accordance with safety management requirements 3.2 Use nailing methods and equipment in accordance with manufacturer recommendations and Australian Standards 3.3 Position strip timber flooring using cramping procedures 3.4 Use required nailing methods based on job requirements 3.5 Inspect finished job and rectify any imperfections following workplace procedures.
4. Complete housekeeping	4.1 Store and recycle unused materials in accordance with workplace procedures 4.2 Check, clean and store tools and equipment in accordance with workplace procedures 4.3 Clean work area and dispose of rubbish safely 4.4 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 MSFFL2026 Nail strip 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 MSFFL2042 Nail strip 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:

- completed 3 solid timber flooring installations to complete rooms in accordance with work requirements, demonstrating the use of:
 - top nail fixing throughout a room
 - secret nail fixing throughout a room.
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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
- nailing of timber flooring:
 - Australian Standards requirements
 - workplace safety system requirements
 - work flow
 - environmental protection and sustainability requirements
 - how to access manufacturer instructions
 - types, characteristics, uses and limitations of:
 - installation adhesive, including elastomeric, polyvinyl alcohol (PVA), polyurethane
 - nails or staples
 - characteristics and requirements of subfloor preparation
 - types, characteristics, safe use, maintenance and limitations of tools, equipment and materials
 - techniques for secret and top nailing, the types of problems that may occur and how to avoid and respond, including basic wood working techniques
 - quality indicators for completed work
- procedures and protocols 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:
 - location for installation
 - strip timber flooring requiring nailing
 - equipment, tools and materials to complete tasks in the Performance Evidence, including safety and personal protective equipment
 - work orders
 - workplace procedures.

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

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