



Australian Government

MSFFL2028 Install mouldings and edge trims to timber flooring

Release: 1

MSFFL2028 Install mouldings and edge trims to timber flooring

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers installing timber or metal mouldings and trims to timber and engineered flooring after installation, replacement, sanding and finishing.

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. 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

Competency Field

Unit Sector

Flooring technology

Elements and Performance Criteria

Elements describe the essential outcomes.		Performance criteria describe the performance needed to demonstrate achievement of the element.	
1	Prepare for work	1.1	Applicable work health and safety (WHS), legislative and organisational requirements relevant to fitting and fixing timber and metal mouldings and trims to timber and engineered flooring are verified and complied with
		1.2	Instructions and/or plans are read and interpreted to identify process required to complete work tasks
		1.3	Finished timber/engineered flooring condition is assessed for suitability for installation of timber and metal mouldings and trims consistent with Australian Standards, industry standards and manufacturer recommendations
		1.4	Suitable adhesives, mouldings, trims and fixings are selected as required

		1.5	Tools, equipment and materials are selected and checked prior to use to ensure that they are appropriate for the work, serviceable and in a safe condition
		1.6	Sequence of work is planned, including the starting point, to ensure efficiency and quality of installation
2	Set out materials for installation	2.1	Timber or metal mouldings and trims are acclimatised according to manufacturer recommendations
		2.2	Timber or metal mouldings and trims for fixing are organised and used in accordance with relevant safety management requirements
		2.3	Adhesives and fixings, are prepared for use as required
		2.4	Working lines and starting point are established
3	Cut mouldings/trims	3.1	Instructions and sequence for cutting and fixing are followed
		3.2	Timber or metal mouldings and trims are laid out to meet directional sequence, pattern match, specification requirements and to minimise waste and joins as appropriate
		3.3	The aesthetics of the materials are maximised, where appropriate, matching grains and colours
		3.4	Timber or metal moulding and trim materials are accurately and clearly marked for cutting
		3.5	Timber or metal moulding and trim is cut to length and size for final fixing ensuring minimum waste
4	Fix mouldings/trims	4.1	Timber or metal mouldings and trims for fixing are organised and used in accordance with relevant safety management requirements
		4.2	Adhesives, mechanical fixings and accessories are prepared for use as required
		4.3	Fixing methods and equipment are used following manufacturer recommendations
		4.4	Skirting boards/mouldings are fitted to perimeter walls allowing for expansion joints
		4.5	Cover trims and edge strips are fitted/re-fitted to

		expansion joints and transitions of the timber flooring
	4.6	Finished job is inspected and any imperfections are rectified following workplace procedures
5	Complete housekeeping	5.1 Unused materials are stored or recycled as required
		5.2 Tools and equipment are cleaned and stored appropriately
		5.3 Work area is cleaned and rubbish disposed of appropriately
		5.4 Workplace documentation is completed

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit context includes:	- WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent - work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements - work requires individuals to demonstrate some discretion, judgement and problem solving
Timber and metal mouldings and trims include:	- skirtings - scotias - quads - beading

	• cover strips • threshold strips (end, edge and T mouldings) • angle end sections • reducer strips • ramping strips • stair nosings
Adhesives include:	• polyvinyl alcohol (PVA) • epoxy • polyurethane elastomeric
Tools and equipment include:	• drop saw • jig saw • hand saw • hacksaw • hammer • nail punch • bar scribe • utility knife • circular saw • bench saw • straight edge • staple gun
Materials include:	• adhesives • metal fixings • timber and metal mouldings • trims
Mechanical fixings include:	• ring grooved nails • pins • staples • screws • nylon plug • screws (tap-ins) • rawl plugs
Personal protective equipment includes:	• that prescribed under legislation, regulations and enterprise policies and practices
Information and procedures include:	• workplace procedures relating to the use of tools and equipment • work instructions, including job sheets, cutting lists, plans, drawings and designs • workplace procedures relating to reporting and communication • manufacturer specifications and operational procedures

Unit Mapping Information

Supersedes and is equivalent to LMFFL2505A Install mouldings and edge trims 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 MSFFL2028 Install mouldings and edge trims to timber flooring

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Performance Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Identify materials used in the work process
- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Complete a minimum of two (2) installations of the following mouldings and trims types:
 - skirting boards
 - scotia
 - edge and end mouldings
 - metal cover strips
 - stair nosing
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Avoid backtracking, work flow interruptions or wastage
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- State or territory WHS legislation, regulations, standards and codes of practice relevant to fitting and fixing timber and metal mouldings and trims to timber and engineered flooring
- Organisational and site standards, requirements, policies and procedures for the fitting and fixing timber and metal mouldings and trims to timber and engineered flooring
- Types, characteristics, uses and limitations of:
 - adhesives and mechanical fixings used to install timber and metal mouldings and trims fitted to timber and engineered flooring
 - timber and metal mouldings and trims for fixing to timber and engineered flooring

- Types and uses of tools and equipment used during the fitting and fixing timber and metal mouldings and trims to timber flooring
- Basic wood working techniques relevant to the fitting and fixing of timber and metal mouldings and trims to timber flooring
- Workplace safety system requirements relevant to the fitting and fixing timber and metal mouldings and trims to timber flooring
- Work flow in relation to the fitting and fixing timber and metal mouldings and trims to timber flooring
- Characteristics and requirements of sub-floor preparation
- Environmental protection requirements
- Appropriate mathematical procedures for estimation and measurement
- Procedures for the recording, reporting and maintenance of workplace records and information

Assessment Conditions

- Assessors must:
 - hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
 - have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
 - be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to materials, equipment and specifications relevant to installing mouldings and edge trims to timber flooring.

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