



Australian Government

MSFFL2025 Install impact and sound absorption underlay

Release: 2

MSFFL2025 Install impact and sound absorption underlay

Modification History

Release 2 - Unit code corrected in mapping - Supersedes and is equivalent to LMFFL2502A

Release 1 - New unit of competency

Application

This unit of competency covers installing impact and sound absorption underlay over a new or existing sub-floor to provide impact and sound reduction in preparation for the installation of a laminate or engineered timber floor.

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 installing impact and sound absorbing underlay 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	Sub-floor condition is assessed for suitability for installation of impact and sound absorption underlay for timber flooring installation
		1.4	Suitable adhesives, trims and accessories are selected if

			required
		1.5	Impact and sound absorption underlay is checked against work orders
		1.6	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
		1.7	Sequence of work is planned, including the starting point, to ensure cutting, laying and fitting is in logical order
2	Set out materials	2.1	Impact and sound absorption underlay to be installed is checked against the order
		2.2	Impact and sound absorption underlay are acclimatised according to manufacturer recommendations
		2.3	Impact and sound absorption underlay for fixing are organised and used in accordance with relevant safety management requirements
		2.4	Working lines and starting point are established
3	Cut impact and sound absorption underlay	3.1	Instructions and sequence for laying and fixing are followed
		3.2	Impact and sound absorption underlay is laid out to meet directional sequence, specification requirements and to minimise waste and joins as appropriate
		3.3	Impact and sound absorption underlay is cut to required shape with minimum waste of materials
4	Lay impact and sound absorption underlay	4.1	Materials for fixing are organised and used in accordance with relevant safety management requirements
		4.2	Adhesives and edge strips/accessories are prepared for use as required
		4.3	Adhesive is applied to sub-floor, if required
		4.4	Impact and sound absorption underlay is fixed using methods and equipment which follow manufacturer instructions
		4.5	Completed installation is checked for flaws in installation and materials and faults 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 individual to demonstrate some discretion, judgement and problem solving
Impact and sound absorption underlays include:	• single fibre • composite fibre • bonded foam • recycled rubber
Adhesives include:	• solvent and water-based contact • acrylic or polyurethane elastomeric

Tools and equipment include:	• utility knife • straight edge • chalk-line, • hammer • heavy-duty electrical drill • hacksaw • notched trowel
Materials include:	• impact and sound absorption underlay • PVC tapes • adhesives • nails • plugs • primers
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 LMFFL2502A Install impact and sound absorption underlay

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 MSFFL2025 Install impact and sound absorption underlay

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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) impact and sound absorption underlay installations with one (1) incorporating such obstructions as doorways, fittings and irregular (obtuse/acute) angles (dual-bonded and conventional)
- 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 installing impact and sound absorption underlay
- Organisational and site standards, requirements, policies and procedures for installing impact and sound absorption underlay
- Environmental protection requirements
- Established communication channels and protocols
- Relevant problem identification and resolution
- Types of tools and equipment and procedures for their safe use, operation and maintenance
- Characteristics of materials, products and defects
- Set-up and operation of equipment
- Products assembly techniques

- Procedures for the recording, reporting and maintenance of workplace records and information
- Appropriate mathematical procedures for estimation and measurement
- Types, characteristics, uses and limitations of impact and sound absorption underlay
- Types and uses of impact and sound absorption underlay installation tools and equipment
- Workplace safety system requirements related to cutting and fitting impact and sound absorption underlay
- Characteristics and requirements of sub-floor preparation
- Work flow in relation to cutting and fitting impact and sound absorption underlay

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 impact and sound absorption underlay.

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