



Australian Government

MSFFL2025 Install impact and sound absorption underlay

Release: 2

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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

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| | | 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

- Personal protective equipment includes:**
- primers
 - 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.education.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>