



Australian Government

MSFFL2041 Install impact and sound absorption underlay

Release: 1

MSFFL2041 Install impact and sound absorption underlay

Modification History

Release 1. Supersedes and is equivalent to MSFFL2025 Install impact and sound absorption underlay.

Application

This unit describes the skills and knowledge required to prepare, set out, cut and lay impact and sound absorption underlay over a new or existing subfloor in preparation for the installation of a laminate or engineered timber floor.

This unit applies to flooring technicians installing underlay 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 Confirm subfloor suitability for installation consistent with Australian Standards and manufacturer recommendations 1.4 Select adhesives, mouldings, trims and fixings based on job requirements

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 and check tools and equipment 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. Set out materials	2.1 Check impact and sound absorption underlay 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. Cut impact and sound absorption underlay	3.1 Follow instructions and sequence for laying and fixing 3.2 Lay out underlay to meet directional sequence, specification requirements and to minimise waste and joins 3.3 Cut underlay to required shape with minimum waste of materials
4. Lay and fix impact and sound absorption underlay	4.1 Use materials in accordance with safety management requirements 4.2 Prepare required adhesives and edge strips/accessories for use 4.3 Apply required adhesive to subfloor in accordance with manufacturer instructions 4.4 Fix underlay using methods and equipment that follow manufacturer instructions 4.5 Check completed installation for flaws in installation and materials and rectify faults in accordance with workplace procedures
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 MSFFL2025 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 MSFFL2041 Install impact and sound absorption underlay

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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 sound absorption underlay installations to complete rooms in accordance with job requirements – jobs should individually or cumulatively involve:
 - obstructions
 - irregular angles.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- mathematical procedures for estimation and measurement, including calculation of area and angles, and estimation of material requirements
- impact and sound absorption underlay installation:
 - 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 products, including:
 - single fibre
 - composite fibre
 - bonded foam
 - recycled rubber
 - characteristics and requirements of subfloor preparation
 - types, characteristics, uses and limitations of different adhesives, including:
 - solvent and water-based contact
 - acrylic or polyurethane elastomeric
 - types, characteristics, safe use, maintenance and limitations of tools, equipment and materials
 - techniques for set out, laying and cutting, 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:
 - location for installation
 - impact and sound absorption underlay
 - 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.

Links

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