



Australian Government

MSFFL2016 Install hard underlays

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers cutting and fitting hard underlay materials prior to laying floor coverings.

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 installation	1.1	Applicable work health and safety (WHS), legislative and organisational requirements relevant to the installation of hard underlays are verified and complied with
		1.2	Instructions and/or plans are read and interpreted to identify the process required to complete work tasks
		1.3	Sub-floor condition is assessed for the type of underlay/floor covering to be installed
		1.4	Underlay material suitable to the final surface to be laid is selected

- 1.5 Suitable adhesives and fastenings are selected
- 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 efficiency and quality of installation
- 2 Set out materials
 - 2.1 Hard underlay to be installed is checked against order
 - 2.2 Hard underlay is acclimatised according to manufacturer recommendations
 - 2.3 Working lines and starting point are established
 - 2.4 Materials are laid out to meet specification requirements and to minimise waste
 - 2.5 Material is marked and cut to specification with minimum waste
 - 2.6 Hard underlay is accurately and clearly marked for cutting
 - 2.7 Hard underlay is cut to required shape with minimum waste of materials
- 3 Lay underlay
 - 3.1 Instructions and sequence for laying and fixing are followed
 - 3.2 Materials for fixing are organised and used in accordance with relevant safety management requirements
 - 3.3 Fixing methods and equipment are used following manufacturer instructions
 - 3.4 Completed installation is checked for flaws in installation and materials and faults rectified
- 4 Complete housekeeping
 - 4.1 Unused materials are stored or recycled as required
 - 4.2 Tools and equipment are cleaned and stored appropriately
 - 4.3 Work area is cleaned and rubbish disposed of appropriately
 - 4.4 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
- Hard underlays include:**
- hardboard
 - fibrous cement board
 - medium and high density fibreboard (MDF/HDF)
 - ply flooring (construction sheet flooring)
 - floating substrate flooring
- Adhesives include:**
- acrylic
 - polyurethane
 - elastomeric
- Tools and equipment include:**
- hand saw
 - utility knife
 - straight edge
 - pencils
 - square
 - scoring knife
 - hand guillotine
 - hand stapler
 - mallet
 - air compressor and gun

- explosive tool
 - rotary/hammer drill
 - masonry drill bits
 - bar scribe
 - jig saw
 - circular saw
 - bench saw
- Materials include:**
- underlay
 - staples
 - nails
 - adhesive
 - nylon fasteners
 - raw plugs
 - screws and tapes
- 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 LMFFL2112A Install hard underlays

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>