



Australian Government

MSFFP2004 Apply domestic surface coatings

Release: 1

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Modification History

Release 1. New unit

Application

This unit specifies the competency required to apply domestic surface coatings by hand using a range of application methods.

It is designed for use in a pre-employment skills introduction program and is suitable for use in institutional-based vocational programs. Skills development will take place under direct supervision.

This unit is not to be used in a traineeship or apprenticeship training program or associated qualifications. It is only to be used in pre-employment programs and carries no credit towards apprenticeship/trade and other qualification types in manufacturing and furnishings.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Unit Sector

Furniture Making Pathways

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1	Determine job requirements	1.1	Identify job requirements from specifications, drawings, designs, project sheets or work instructions
		1.2	Identify the workplace, health and safety (WHS) practices and procedures to be used
		1.3	Calculate the quantities required to complete the job to the furniture industry specifications

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| 2 | Plan and prepare for work | 2.1 | Determine the appropriate work practices from procedures and material safety data sheets (MSDS) information |
| | | 2.2 | Identify the characteristics of the surface and the required surface finish from specifications or work instructions |
| | | 2.3 | Select the appropriate application methods according to the project sheets or work instruction requirements |
| | | 2.4 | Identify and check tools, equipment and accessories for the required surface coating task for safe and effective operation |
| 3 | Prepare for application of surface coatings | 3.1 | Comply with work, health and safety (WHS) requirements at all times |
| | | 3.2 | Use appropriate personal protective equipment (PPE) in accordance with procedures |
| | | 3.3 | Check surfaces for contamination and correct preparation in accordance with specifications and work instructions |
| | | 3.4 | Prepare surfaces using appropriate materials in accordance with specifications and work instructions, if required |
| | | 3.5 | Identify and repair products with surface or other faults as required |
| | | 3.6 | Make trial applications of surface coatings to check equipment operation, materials consistency and specified surface finish |
| | | 3.7 | Identify faults and rectify according to procedures |
| 4 | Apply surface coatings | 4.1 | Apply coatings according to project sheets, material manufacturer specifications and work instructions |
| | | 4.2 | Inspect finished products to meet specifications |
| | | 4.3 | Refinish products that do not meet specifications |

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| 5 | Check work area and maintain equipment | 5.1 | Clean equipment and inspect for serviceable condition and store and report faulty and/or defective equipment in accordance with procedures |
| | | 5.2 | Store or dispose of materials according to procedures |
| | | 5.3 | Clean and maintain work area |

Foundation Skills

This section describes those required skills (reading, writing, oral communication and numeracy) that are essential to workplace performance in this unit of competency.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for 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.

PPE includes one (1) or more of the following:

- safety glasses
- face and head protection
- protective footwear
- protective clothing
- respiratory protection
- ear protection
- gloves

Coatings include three (3) or more of the following:

- enamel
- acrylic
- lacquers (water borne/solvent based)
- polish
- oils
- waxes

Application methods include one (1) or more of the following:

- brush
- swooge
- spray can
- roller

Surfaces include two (2) or more of the following:

- domestic spray equipment
- solid hardwood timber
- solid softwood timber
- manufactured board
- melamine
- metal
- composite

Tools and equipment include one (1) or more of the following:

- sanders
- pneumatic or low-voltage electric buff
- rubber
- sanding block
- tack cloth
- brushes
- rollers
- cotton cloth
- swooges

Materials include one (1) or more of the following:

- water
- detergent
- methylated spirits
- turpentine
- thinners
- abrasive papers
- cotton rags
- steel wool
- paint stripper/gel

Unit Mapping Information

New Unit

Links

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

