



**Australian Government**

# **MSFFF3012 Apply plural component coatings**

**Release: 1**

## MSFFF3012 Apply plural component coatings

### Modification History

Release 1. Changes to code, application, elements, performance criteria, assessment requirements. Foundation skills added. Range of conditions removed. Assessment requirements changed.

### Application

This unit describes the skills and knowledge required to apply plural component coatings, including polyurethane, polyester and acid catalysed coatings, to surfaces including solid timber, manufactured board and metal. Work may be performed individually or in a team.

Furniture finishing workers with this competency follow established procedures, using discretion, judgement and problem-solving to identify and resolve potential issues. They recognise dependencies and use cooperative approaches to optimise workflow and productivity.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

### Competency Field

Furniture finishing

### Elements and Performance Criteria

| Elements                                  | Performance Criteria  |
|---|---|
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element.   |
| 1. Prepare for task                       | <p>1.1 Determine task requirements, including surface characteristics and required surface treatment, from work documentation</p> <p>1.2 Plan for work by identifying processing and application techniques, time and safety requirements and efficient work methods</p> <p>1.3 Identify and follow work health and safety requirements</p> <p>1.4 Identify tools, equipment and accessories to meet task requirements and check for safety and functionality</p> |
| 2. Prepare for application of materials   | <p>2.1 Check surfaces for contamination and correct preparation in accordance with workplace procedures and standards</p> <p>2.2 Identify products with surface or other faults and perform</p>   |

| Elements                                  | Performance Criteria   |
|---|--|
|   | <p>required repairs</p> <p>2.3 Identify and prepare required materials</p> <p>2.4 Inspect and clean spray booths to ensure nitro-cellulose lacquer remnants are not present in booth prior to application of plural component coatings, referring to work documentation to establish booth use</p> <p>2.5 Perform trial application of plural component coatings to check equipment operation, materials consistency and viscosity meets job requirements</p> <p>2.6 Identify and rectify or adjust faults or inconsistencies in applied coating in accordance with workplace procedures</p> |
| 3. Apply finishing materials              | <p>3.1 Identify and select techniques for applying plural component coatings</p> <p>3.2 Apply materials in accordance with job instructions, material manufacturer specifications and workplace procedures</p> <p>3.3 Inspect finished products and approve for suitability for further processing</p> <p>3.4 Rectify products that do not meet quality specifications or tag for further investigation in accordance with workplace procedures</p>  |
| 4. Clean work area and maintain equipment | <p>4.1 Check, clean and store equipment and unused materials in accordance with workplace procedures</p> <p>4.2 Tag unserviceable equipment, identify faults and inform appropriate personnel in accordance with workplace procedures</p> <p>4.3 Clean work area, safely dispose of waste and identify items for recycling in accordance with workplace procedures and environmental standards</p> <p>4.4 Complete required workplace records</p>  |

## Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret familiar workplace procedures and work documentation
- Writing skills to communicate information in familiar workplace documents

- Numeracy skills to take accurate measurements, calculate area and estimate material requirements.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

## **Unit Mapping Information**

Release 1. Supersedes and is equivalent to MSFFF3003 Apply plural component coatings.

## **Links**

Companion Volume implementation guides are found in VETNet – -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>