



Australian Government

MSFFF3001 Match and make up colours

Release: 1

MSFFF3001 Match and make up colours

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers matching and making up colours for surfaces which have previously been coated or polished, or for new work which must match existing work or a specified sample.

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

Pre-requisite Unit

Competency Field

Unit Sector

Furniture finishing

Elements and Performance Criteria

Elements describe the essential outcomes.

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

1	Plan and prepare work	1.1	Work instructions are used to determine job requirements, including design, colour, finish process and quality
		1.2	Work health and safety (WHS) requirements, including personal protection needs, are observed throughout the work
		1.3	Colour matching aids and colouring materials are accessed and readied for use
		1.4	Types of colouring materials are identified and prepared for colouring task
		1.5	Tools, equipment and accessories are identified and checked for safe and effective operation
2	Match colours	2.1	Surfaces are cleaned and prepared to enable accurate

- colour matching
- 2.2 Characteristics of the surface and the impact of these on colouring are taken into account
 - 2.3 Techniques for colour application are identified and selected according to workplace practices
 - 2.4 Properties of colouring agents are assessed in relation to the specific circumstances
 - 2.5 Colour matching techniques are applied to identify most likely fit in terms of product, colour and application techniques
 - 2.6 Colour matching outcomes are confirmed through trials of proposed products, colours and application techniques
 - 2.7 Colour matching formulae are recorded to enterprise or industry standards
- 3 Make up colours
 - 3.1 Product quantities are identified from client demand or accurate assessment of coating/colouring requirement
 - 3.2 Colouring additives are calculated from manufacturer specifications
 - 3.3 Colouring additives are accurately measured and blended with the base product
- 4 Apply colours
 - 4.1 Colour solution is applied in accordance with selected application techniques and workplace procedures
 - 4.2 Colour application is constantly checked against sample colour
 - 4.3 Surface is inspected for faults in applied colour film and defects are rectified
 - 4.4 Coloured or matched up surface is sealed with finishing material in accordance with job specification and workplace procedures
- 5 Clean up work area
 - 5.1 Colouring materials are stored and labelled ready for next process
 - 5.2 Waste and unwanted material is disposed of safely and in accordance with relevant environmental regulations
 - 5.3 Unused materials are sealed and stored

5.4 Tools and equipment are cleaned, maintained and stored

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 individuals to demonstrate some discretion, judgement and problem solving in the accurate matching of colours
- Tools and equipment include:**
- mixing pots
 - brushes
 - spray equipment and mechanical mixer/vibrator
 - colour rubber
 - colour wad
- Materials include:**
- spirit-based stains
 - pigments
 - lacquers
 - oil varnish
 - two-part polyurethane
 - methylated spirits
 - lacquer thinners
 - mineral turpentine and polish

Colouring agents include:

- pigments
- dyes
- stains
- universal tinters and toning lacquer

Properties of colouring agents include:

- colour
- specific gravity
- staining power
- refractive power
- texture
- durability
- opacity
- spreading power
- toxicity and oil absorptive power

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 LMFFF3001B Match and make up colours

Links

Companion Volume implementation guides are found in VETNet -

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