



Australian Government

MSFFF3007 Apply graining and decorative finishes

Release: 1

MSFFF3007 Apply graining and decorative finishes

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers applying material to a surface to imitate timber grain and decorative (faux) finishes

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	Prepare for work	1.1	Workplace information, including materials application and safety information, and material safety data sheets (MSDS), is used to inform work practices
		1.2	Characteristics of the surface and the required surface treatment are identified from work orders or instructions
		1.3	Processing and application techniques, time and safety requirements are identified and used for work planning
		1.4	Work health and safety (WHS) requirements, including ventilation requirements and personal protection needs, are observed throughout the work
		1.5	Tools, equipment and accessories are identified and checked for safe and effective operation for the task
2	Prepare for application of	2.1	Surfaces are checked for contamination and correct preparation according to workplace procedures and

materials		standards	
		2.2	Products with surface or other faults are identified and faults repaired as appropriate
		2.3	Materials required to complete the task are identified and prepared
		2.4	Trial applications of material are made to check equipment operation, materials consistency, viscosity and sample match
		2.5	Faults and or inconsistencies in colour and surface appearance are identified and workplace procedures for rectification and adjustment are followed
3	Apply finishing materials	3.1	Techniques for application of graining solution and other finishes are identified
		3.2	Materials are applied according to job instructions, manufacturer specifications and workplace procedures
		3.3	Finished products are inspected and approved for suitability for further processing
		3.4	Products which do not meet quality specifications are rectified or tagged for further investigation
4	Clean work area and maintain equipment	4.1	Equipment used is cleaned and inspected for serviceable condition and stored appropriately
		4.2	Unserviceable equipment is tagged, faults are identified and appropriate personnel are informed
		4.3	Work area is cleaned and returned to approved condition, and all areas used for bleaching are washed down with water
		4.4	Workplace records are 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.

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| Unit context includes: | <ul style="list-style-type: none">• 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 application of surface coatings |
| Graining and decorative finishes include: | <ul style="list-style-type: none">• ragging• stippling• ageing• distressing• others |
| Surfaces include: | <ul style="list-style-type: none">• solid timber• manufactured board• metal |
| Tools and equipment include: | <ul style="list-style-type: none">• liquid containers• rubber gloves• face masks• spray booths• spray guns• compressor• air lines• brushes• sanding block• brushes |

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| Materials include: | <ul style="list-style-type: none">• graining tools• water• abrasive papers• cotton rags• hessian• lacquer-based wiping stain• polyurethane wiping stain• spirit stain• pigment oil stain• proprietary brand stains• pigments• acrylic paint• enamel |
| Personal protective equipment includes: | <ul style="list-style-type: none">• that prescribed under legislation, regulations and enterprise policies and practices |
| Information and procedures include: | <ul style="list-style-type: none">• 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 LMFFF3007B Apply graining and decorative finishes

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 MSFFF3007 Apply graining and decorative finishes

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Performance Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Identify materials used in the work process
- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Apply graining solution to imitate a minimum of two (2) different timber species
- Apply material to imitate a marble finish and one (1) other finish type
- Maintain application equipment
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Minimise wastage of resources, including materials, time and money
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity
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Knowledge Evidence

- Application of stains, fillers and bleaches
- Decontamination materials, techniques and safety requirements
- Identification of application techniques
- Characteristics of graining and coating materials in terms of toxicity, reactivity, flammability and viscosity
- Characteristics of coatings and base materials in terms of toxicity, reactivity, flammability, required viscosity and recoatability
- Methods to prevent contamination of surfaces during and after surface coating
- Work flow in relation to the application of surface coatings

Assessment Conditions

- Assessors must:
 - hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
 - have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
 - be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to surface coating application equipment, coatings, other consumables and materials to be repaired.

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