



Australian Government

Department of Education, Employment and Workplace Relations

LMFFF3007B Apply graining and decorative finishes

Revision Number: 1

LMFFF3007B Apply graining and decorative finishes

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit covers the competency to apply material to a surface to imitate timber grain and decorative (faux) finishes.
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Application of the Unit

Application of the unit	
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Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite units	Nil	

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Prepare for work	1.1. Workplace information, including materials application and safety information, material safety data sheets, 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. OHS 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 materials	2.1. Surfaces are checked for contamination and correct preparation according to workplace procedures and 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, material 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

ELEMENT	PERFORMANCE CRITERIA
	4.3. Work area is cleaned and returned to approved condition, all areas used for bleaching are washed down with water. 4.4. Workplace records are completed

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- collect, organise and understand information related to coating materials, cleaning materials, work orders and safety procedures
- communicate ideas and information to convince customers of the appropriateness of particular products to their needs
- plan and organise activities including the preparation and layout of the worksite and the obtaining of coating equipment and materials to avoid any back tracking, workflow interruptions or wastage
- work with others and in a team by recognising dependencies and using cooperative approaches to optimise workflow productivity
- use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate paint requirements and other material requirements
- use pre-checking and inspection techniques to anticipate coating problems, avoid re-working and wastage
- use the limited workplace technology related to coating, including tools, equipment and measuring devices

Required knowledge

- identification of application techniques
- characteristics of graining and coating materials in terms of toxicity, reactivity, flammability, viscosity
- the methods to prevent contamination of surfaces during and after processing
- workflow in relation to the application stains, fillers and bleaches

Evidence Guide

EVIDENCE GUIDE

The Evidence Guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Critical Aspects of Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials
- Follow work instructions, operating procedures and inspection practices to:
 - minimise the risk of injury to self and others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Apply graining solution to imitate a minimum of two different timber species
- Apply graining solution to imitate a minimum of two different timber species
- Apply material to imitate a marble finish and one other finish type
- Maintain application equipment
- Work effectively with others
- Modify activities to cater for variations in workplace contexts and environment

Resource Implications

Hand application equipment, graining solution and coating materials.

Method of Assessment

Assessment methods must confirm consistency of performance over time and in a range of workplace relevant contexts.

Assessment should be by direct observation of tasks and questioning on underpinning knowledge.

Assessment should be conducted over time and will generally be in conjunction with assessment of other relevant units of competency.

Context of Assessment

Assessment may occur on the job or in a workplace simulated facility with relevant process equipment, materials, work instructions and deadlines.

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Unit context	- OHS requirements include legislation, building codes, material safety management systems, hazardous substances and dangerous goods code and local safe operating procedures - 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 skills in the application of surface coatings
Graining and decorative finishes are to include:	- graining and marbling; and may include: - ragging - stippling - ageing - distressing and others
Surfaces may include but are not limited to:	- solid timber - manufactured board - metal
Tools and equipment may include, but are not limited to:	- liquid containers - rubber gloves - face masks - spray booths - spray guns - compressor - air lines - brushes - sanding block - brushes - graining tools
Materials to be applied may	- water - abrasive papers

RANGE STATEMENT	
include but are not limited to:	• 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:	• that prescribed under legislation, regulations and enterprise policies and practices
Information and procedures	• Workplace procedures relating to the use and operation of tools and equipment • Workplace instructions, including job sheets, plans, drawings and designs • Workplace procedures relating to reporting and communications • Manufacturer recommendations for the use of equipment and materials

Unit Sector(s)

Unit sector	Furniture Finishing
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Competency field

Competency field	
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Co-requisite units

Co-requisite units		

Co-requisite units		