



Australian Government

MSFFF2007 Apply stains, fillers and bleach

Release: 1

MSFFF2007 Apply stains, fillers and bleach

Modification History

Release 1 - New unit of competency

Application

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 staining, filling or bleaching 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 stain and fill in are identified and prepared for the task |
| | | 2.4 | Trial applications of stains and/or fillers are made to check equipment operation, materials consistency, viscosity and specified colour |
| | | 2.5 | Faults and/or inconsistencies in colour are identified and workplace procedures for rectification and adjustment are followed |
| | | 2.6 | Materials required for bleaching are identified and labelled to prevent cross-contamination of bulk material during application |
| 3 | Apply finishing materials | 3.1 | Techniques for application of stain, filler or bleach are identified |
| | | 3.2 | Materials are applied according to job instructions, manufacturer specifications and workplace procedures |
| | | 3.3 | Bleached items are appropriately stored for drying |
| | | 3.4 | Finished products are inspected and approved for suitability for further processing |
| | | 3.5 | Products which do not meet quality specifications are re-stained, filled, bleached 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 | Bleaching materials are disposed of in accordance with environmental requirements and workplace procedures |
| | | 4.4 | Work area is cleaned and returned to approved condition, and all areas used for bleaching are washed down with water |
| | | 4.5 | 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.

- | | |
|-------------------------------------|---|
| 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 stains, fillers and bleach |
| Stains include: | <ul style="list-style-type: none">• lacquer-based wiping stain• spirit-based• water and oil-based |
| Fillers include: | <ul style="list-style-type: none">• oil-based• water-based and plastic (one-pot) filler |
| Bleach includes: | <ul style="list-style-type: none">• two-solution bleach and oxalic acid bleach |
| Surfaces include: | <ul style="list-style-type: none">• solid timber• manufactured board |
| Tools and equipment include: | <ul style="list-style-type: none">• liquid containers• rubber gloves• face masks• spray booths• spray guns• compressor• air lines |

Materials include:	• brushes • sanding block • water • abrasive papers • cotton rags and hessian
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 LMFFF2007B Apply stains, fillers and bleach

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 MSFFF2007 Apply stains, fillers and bleach

Modification History

Release 1 - New unit of competency

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
- Select appropriate stains, fillers and bleach for the surfaces to be treated
- Apply stains, fillers and bleach to at least two (2) surfaces, monitor drying, and assess and rectify any quality issues
- 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

Knowledge Evidence

- Identification of application techniques
- Characteristics of stains, fillers and bleaches in terms of toxicity, reactivity, flammability, viscosity.
- Methods to prevent contamination of surfaces during and after processing
- Work flow in relation to the application stains, fillers and bleach

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 surfaces to be processed, stains, fillers, bleach and suitable application tools and equipment.

Links

Companion Volume implementation guides are found in VETNet -

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