



Australian Government

CPCCPD3034 Apply advanced decorative paint finishes

Release: 3

CPCCPD3034 Apply advanced decorative paint finishes

Modification History

- Release 3 Updated reference to general construction induction training program.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.4.
Correction to Training Package title in the Modification History from CPC Property Services to CPC Construction, Plumbing and Services Training Package.
- Release 1 This version first released with CPC Property Services Training Package Release 5.0.
Supersedes and is equivalent to CPCCPD3034A Apply advanced decorative paint finishes. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to apply advanced decorative paint finishes to a range of different material surfaces.

A person who has achieved this unit of competency would be expected to take responsibility for organising and completing these tasks with a high degree of self-direction.

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

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

Pre-requisite Unit

CPCCWHS200 Apply WHS requirements, policies and procedures in the construction
1 industry

Unit Sector

Painting and Decorating

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

- | | |
|---------------------------------------|---|
| 1 Plan and prepare. | 1.1 Review work instructions for details of requirements to apply advanced decorative paint finishes and select method of application. |
| | 1.2 Plan all work to meet relevant requirements of work health and safety (WHS), Commonwealth and state or territory legislation, environmental plans and obligations, manufacturers' specifications, and workplace requirements. |
| | 1.3 Select and fit personal protective equipment (PPE) as required for each task. |
| | 1.4 Inspect work site, assess hazards and apply risk controls, including required signage and barricades. |
| | 1.5 Identify the types and quantities of materials required for the task and safely prepare and position ready for use. |
| | 1.6 Select tools and equipment, check for serviceability and report any faults. |
| 2 Prepare application area. | 2.1 Check that materials and substrate surfaces are prepared in accordance with manufacturers' recommendations and relevant Australian standards. |
| | 2.2 Protect surrounding surfaces with drop sheets, masking or removal of objects. |
| | 2.3 Check work site to ensure provision of adequate ventilation and implementation of precautions to prevent fire and explosion. |
| | 2.4 Implement measures to ensure application area remains free of dust and foreign matter. |
| | 2.5 Set-up area to apply advanced decorative paint finishes. |
| 3 Produce advanced imitation effects. | 3.1 Apply base coat evenly to specified colour and consistency to prepared surface. |

- | | | |
|--|-----|--|
| | 3.2 | Mix effects medium to designed proportions and colour and apply to produce specified effect. |
| | 3.3 | Apply clear coating to achieve an even finish to specified sheen level. |
| 4 Apply advanced stencilled effects. | 4.1 | Select stencil design and lay-out on recommended material. |
| | 4.2 | Use specified multi-layering transfer method and cut design accurately for multiple colours using a register mark. |
| | 4.3 | Place and tape initial stencil to designed location and apply paint to produce first colour. |
| | 4.4 | Locate subsequent stencils and overlays accurately to pattern with each separate colour applied to produce designed finish. |
| 5 Apply advanced lining. | 5.1 | Set out complex pattern lining to specification using template. |
| | 5.2 | Apply complex pattern lining to appropriate surfaces for decorative purposes. |
| 6 Apply advanced gilding. | 6.1 | Apply size to receive gilding. |
| | 6.2 | Apply gilding finishing techniques, including powders and other specified finishes. |
| 7 Apply large-scale decorative effect. | 7.1 | Set out specified design to surface. |
| | 7.2 | Apply decorative effect to specification. |
| 8 Clean up. | 8.1 | Clean up, meeting all legislative and workplace requirements for safety, waste disposal, materials handling and protection of the environment. |
| | 8.2 | Clear work area, reuse or recycle materials and place |

waste and unwanted materials into job waste bins or rubbish stockpile.

- 8.3 Check and maintain tools and equipment and clean with appropriate solvents.
- 8.4 Dispose of paint waste and water and solvents used in cleaning tools and equipment in an environmentally sustainable manner.
- 8.5 Store tools, equipment and sealed unused materials to avoid spontaneous ignition.

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and equivalent to CPCCPD3034A Apply advanced decorative paint finishes.

Links

Companion volumes to this training package are available at the VETNet website -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

Assessment Requirements for CPCCPD3034 Apply advanced decorative paint finishes

Modification History

- Release 3 Updated reference to general construction induction training program.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.4.
Correction to Training Package title in the Modification History from CPC Property Services to CPC Construction, Plumbing and Services Training Package.
- Release 1 This version first released with CPC Property Services Training Package Release 5.0.
Supersedes and is equivalent to CPCCPD3034A Apply advanced decorative paint finishes. Updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by applying the following advanced decorative finishes:

- one marble effect on a minimum three square metre surface
- one wood graining effect on a minimum three square metre surface
- design and cutting of a multi-plate stencil and at least six applications of the stencil in a specified pattern on an appropriate surface
- complex pattern lining on a minimum three lineal metre surface
- a gilded finish to highlight a decorative feature
- a large scale mural or trompe l'oeil.

All work must be performed to the standard required in the workplace and must meet the requirements of work health and safety (WHS), Commonwealth and state or territory legislation, manufacturers' specifications, and environmental plans and obligations.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- safety requirements relevant to applying advanced decorative paint finishes
- environmental requirements relevant to applying advanced decorative paint finishes
- Australian Paint Approval Scheme (APAS) classifications
- types of advanced imitation effects:
 - imitation granite

- imitation marble
- lapis effects
- complex imitation wood grain using inlays
- types of advanced lining, special finishes and techniques:
 - advanced stencils
 - gold leaf and gilding powder
 - finishing techniques, including waxes and other finishes
 - murals and trompe l'oeil
- achieving advanced imitation effects using:
 - brush-grainer
 - chamois
 - check roller
 - crayons
 - cutters
 - feathers
 - fitches
 - floggers
 - heart grain simulator
 - mottlers
 - over-grainers
 - pencils
 - rubber combs
 - softeners
 - sponges
 - steel combs
 - stippling brushes
 - veining horn
- stencilling tools:
 - cutting boards
 - cutting knives and scalpels
 - drawing and tracing materials
 - stencil brushes
 - stencil materials
- types, properties, uses and limitations of the following materials relevant to decorative finishes:
 - clear finishes
 - fillers
 - linseed oil
 - manufacturers' proprietary products
 - oil-based products

- scumbling mediums
- stainers
- terebine dryers
- water-based products
- waxes
- colour fleck materials and application techniques
- compatibility of surface coatings to substrates
- decorative painted finishes technology
- materials storage and environmentally sustainable waste management, including correct disposal of water-based, latex-based and solvent-based paints
- painting and decorating terminology relevant to applying advanced decorative paint finishes
- plans, drawings and specifications relevant to applying advanced decorative paint finishes
- processes for the calculation of material requirements relevant to applying advanced decorative paint finishes
- quality requirements relevant to applying advanced decorative paint finishes
- solid waste and paint sludge disposal techniques and relevant legislation, including Environmental Protection Authority (EPA) and local council regulations.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

This unit must be assessed:

- in the workplace or a close simulation of the workplace environment, provided that simulated or project-based assessment techniques replicate construction workplace conditions, materials, activities, responsibilities and procedures.
- using realistic tasks or simulated tasks, relevant specifications and work instructions, standard work practices, safety requirements and environmental constraints.

Links

Companion volumes to this training package are available at the VETNet website -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>