



**Australian Government**

# **CPCCPD3035 Prepare uncoated surfaces for painting**

**Release: 3**

# CPCCPD3035 Prepare uncoated surfaces for painting

## 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.  
New unit.

## Application

This unit of competency specifies the skills and knowledge required to prepare uncoated surfaces for the application of paint.

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 to prepare uncoated surfaces for painting.                                                                                                                                                                                 |
|                              | 1.2 Plan all work to meet relevant requirements of Australian Standards, 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 Select tools and equipment, check for serviceability and report any faults.                                                                                                                                                                         |
| 2 Prepare uncoated surfaces. | 2.1 Determine and test condition and nature of substrate and surface material by conducting a moisture test.                                                                                                                                            |
|                              | 2.2 Select surface preparation method in accordance with environmental, finish and substrate requirements.                                                                                                                                              |
|                              | 2.3 Prepare surfaces by removing loose debris.                                                                                                                                                                                                          |
|                              | 2.4 Repair and fill surfaces to a smooth finish ready for painting.                                                                                                                                                                                     |
| 3 Clean up.                  | 3.1 Clean up, meeting all legislative and workplace requirements for safety, waste disposal, materials handling and protection of the environment.                                                                                                      |
|                              | 3.2 Check and maintain tools and equipment and clean with appropriate solvents.                                                                                                                                                                         |
|                              | 3.3 Store tools, equipment and sealed unused materials to avoid spontaneous combustion.                                                                                                                                                                 |

## Foundation Skills

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

## Unit Mapping Information

No equivalent unit.

## 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 CPCCPD3035 Prepare uncoated surfaces for painting

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## Performance Evidence

- To demonstrate competency, a candidate must meet the performance criteria of this unit by preparing a minimum of one square metre of each of the following uncoated surfaces for painting:
- an external timber surface
- an internal timber surface
- a plaster surface
- a metal surface
- a masonry surface
- a concrete floor
- exterior cement sheet cladding.

In preparing these surfaces the following equipment must be used:

- drop sheets
- duster brushes
- filling knives and blades
- hand sanders
- mechanical sanders
- water blasters
- nail punches
- putty knives
- scrapers
- wire brushes
- moisture meter.

All work must be performed to the standard required in the workplace and must meet the requirements of Australian Standards, 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 preparing new surfaces for painting
- environmental requirements relevant to preparing new surfaces for painting
- corrosion processes and techniques for the protection of metals relevant to preparing new surfaces for painting
- processes for preparing uncoated substrates for painting:
  - hard wood and soft wood surfaces
  - plaster surfaces
  - ferrous and non-ferrous metal surfaces
  - masonry surfaces
  - concrete floors
  - tilt panels
  - exterior cement sheet cladding
- techniques for removing substrate and surface contaminants, including:
  - dust
  - films of grease
  - mild efflorescence
  - saponification
  - mould
- procedures, products and techniques associated with preparation of new surfaces
- types, characteristics, uses and limitations of tools and equipment for preparing new surfaces for painting
- acid etching and grinding of concrete surfaces in preparation for painting
- moisture and pH testing and remedial actions
- quality requirements relevant to preparing new surfaces for painting.

## 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**

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