



**Australian Government**

**Assessment Requirements for  
CPCCPD3030 Apply protective paint  
coating systems**

**Release: 3**

# Assessment Requirements for CPCCPD3030 Apply protective paint coating systems

## Modification History

Release 3 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.5.

Change to Performance Evidence.

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 CPCCPD3030B Apply protective paint coating systems. 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 preparing and applying two different protective coatings, at least one of which is a two-pack system:

- water-based protective paint coating systems to a concrete surface of at least one square metre
- solvent-based protective paint coating systems to a metal surface of at least one square metre.

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 protective paint coating systems
- environmental requirements relevant to applying protective paint coating systems
- Australian Paint Approval Scheme (APAS) classifications
- hazards associated with solvent vapour, chemical fumes, gases, harmful dusts, metal chips, abrasive grit and asbestos fibres

- impact of atmospheric conditions and high traffic on new and existing structures and coatings
- plans, drawings and specifications relevant to applying protective paint coating systems
- processes for the calculation of material requirements relevant to applying protective paint coating systems
- surface preparation methods and tools relevant to applying protective paint coating systems
- protective surface coating products and their uses and limitations:
  - polyurethane primer (two pack)
  - epoxy primer (two pack)
  - high build epoxy
  - high build chlorinated rubber
  - 2-pak polyurethane
  - 2-pak surface tolerant epoxy
  - • micaceous iron oxide
  - • zinc phosphate primer
  - modified acrylic epoxies
- applications of protective paint coating systems, including:
  - corrosion control
  - decoration
  - hygiene and sanitation protection
  - trafficable areas
- dry and wet testing techniques
- types of commonly used protective paint coatings, their uses and limitations
- quality requirements relevant to applying protective paint coating systems
- materials storage and environmentally sustainable waste management, including correct disposal of water-based, latex-based and solvent-based paints
- solid waste and paint sludge disposal techniques and relevant legislation, including Environmental Protection Authority (EPA) and local council regulations
- workplace and equipment safety requirements.

## 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>