Assessment Requirements for CPCCWF3009 Apply waterproofing for wall and floor tiling

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Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

New unit.

Performance Evidence

To demonstrate competency, a candidate must satisfy all of the elements, performance criteria and foundation skills of this unit by waterproofing an internal wet area and an external wet area ready for tiling, including:

- one shower area 1800 millimetres high, 900 millimetres x 900 millimetres wide, incorporating:
  - a niche
  - tap penetrations
  - draining connection
  - water stop/hob
- surrounds for an inserted bath with periphery barrier or water stop
  - a minimum of four square metres of balcony/deck:
    - where the structural floor levels have a step down of no less than 40 millimetres from internal to external
    - the balcony/deck has fall to the drainage point
    - detailing is provided through threshold cross-section, indicating how waterproofing would terminate at balustrade posts.

All work must be performed to the standard required in the workplace and must comply with Commonwealth and state/territory laws and regulations, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications and workplace requirements.

Knowledge Evidence

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

- requirements of Australian Standards for setting out and applying waterproofing systems for wall and floor tiling to internal and external wet areas
- types and uses of tools and equipment for applying waterproofing for wall and floor tiling
- safety requirements Standards for setting out and applying waterproofing systems for wall and floor tiling to internal and external wet areas, including:

- job safety analyses and/or safe work method statements in accordance with Safe Work Australia *Code of Practice for Construction Work* or state and/or territory equivalent
  - personal protective equipment (PPE)
- techniques and methods for waterproofing for wall and floor tiling
- assessment and appreciation of moisture content in substrate materials
- manufacturers' specifications for compatible substrates, waterproofing systems, tiles and tile adhesives
- characteristics and applications of:
  - adhesives
  - liquid applied:
    - water-based
    - cementitious
    - moisture-cured
  - sheet membranes:
    - butynol
    - ethylene propylene diene monomer rubber (EPDM)
    - ethylene vinyl acetate (EVA)
    - expanded polystyrene (XPS)
  - primer:
    - water based
    - epoxy
  - bond breaker/fillet materials
- construction systems and waterproofing considerations
- penetrations and outlets, and termination and flashing principles
- types and uses of materials storage and environmentally friendly waste management
- types and uses of plans, drawings and specifications for waterproofing internal and external wet areas
- requirements for different types of internal and external wet areas:
  - showers
  - laundries
  - toilets
  - bathrooms
  - balconies
- principles and considerations of water exclusion and processes for inspection and completion activities
- processes for the calculation of material requirements for applying waterproofing for wall and floor tiling
- compatible substrate and materials for waterproofing wet areas.

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 using realistic workplace conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

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