



Australian Government

**Assessment Requirements for MSFKB4016
Research and recommend materials,
components and finishes for bathroom
designs**

Assessment Requirements for MSFKB4016 Research and recommend materials, components and finishes for bathroom designs

Modification History

Release 2. Minor upgrade to Element # 1. Supersedes and is equivalent to MSFKB4016 Research and recommend materials, components and finishes for bathroom designs (Release 2)

Release 1. Supersedes and is equivalent to MSFKB4005 Research and recommend materials, components and finishes for bathroom designs.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and:

- researched and presented recommendations for materials, components and finishes for 3 bathroom designs, 1 of which must be a renovation, and 1 of which must be a new build.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- liveable housing design – current and emerging thinking and trends
- type and scope of client and/or project brief information needed to inform research and recommendation:
 - budget
 - client preferences
 - aesthetic and functional requirements:
 - site characteristics – size, shape, services, structural considerations
 - timeline
- mathematical procedures for estimation and measurement
- sources of information on bathroom products:
 - how to access
 - ways to interrogate and identify and distil information
- how different aspects of space impact on potential solutions, including:
 - colour
 - size
 - shape
 - level of light
 - structural features
- types and features of resources that support the provision of bathroom design advice, and how they are used, including:

- research tools
- product information tools
- communication tools
- elements and principles of design, their interrelationships, and how they are used in bathroom design
- current and emerging technologies for bathroom products, including construction techniques and their impact on design
- types, characteristics, uses and limitations of different bathroom products, including:
 - materials:
 - glass
 - laminate – low pressure, high pressure
 - particleboard
 - plywood
 - resin-based solid surfaces
 - stainless steel
 - stone – reconstituted, solid
 - tiles
 - timber and timber veneer
 - vinyl/foil wrap
 - components:
 - accessories – handles, hinges, runners, taps
 - benchtops
 - cabinetry
 - kickboards/plinths/legs
 - shelving
 - showers / baths
 - sinks
 - splashbacks
 - toilets / bidets
 - walls
 - finishes, including potential hazards:
 - edging and edge profiles
 - paints
 - waxes
 - lacquers
 - stains
 - pigments
 - oils
 - plastic coatings
 - ceramics

- veneers
- waterproofing finishes
- different ways of creating visual representations for design solutions.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - design briefs
 - information technology for research and design presentation.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

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