MSFFDM4020 Research and select product finishes

Release: 1

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Modification History

Release 1. Unit Code and title changed. Application changed. Elements and Performance Criteria changed. Range of Conditions removed and relevant items moved to Assessment Requirements. Assessment Requirements changed to include volume/frequency of evidence and remove duplication with Performance Criteria. Supersedes and is not equivalent to MSFFDT4010 Research and select furniture product finishes.

Application

This unit describes the skills and knowledge required to determine project requirements, and then to research and select finishes that meet the requirements of the brief.

This unit applies to individuals working in a manufacturing or design studio environment who analyse and compare product information from a wide range of sources to develop a design solution, either alone or as part of an internal or external team.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Competency Field

Design practice

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Determine project requirements	1.1 Review and clarify project brief with client 1.2 Confirm and evaluate parameters and constraints of project from specifications 1.3 Select work resources based on the needs of project 1.4 Identify and assess aspects of brief that inform finish selection 1.5 Identify key project stakeholders and establish required communication protocols
2. Research finish options	2.1 Assess aesthetic requirements of finish and identify potential options 2.2 Evaluate intended use against functional features of different products 2.3 Identify and consider new and emerging finish technologies for their application to the brief

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	2.4 Identify application requirements in terms of available expertise
	2.5 Evaluate finish properties for their safety and sustainability
	2.6 Source and compare information about costs and availability against project brief
3. Refine ideas and select finishes	3.1 Explore and refine ideas about finishing options through a process of reflection and testing
	3.2 Choose a preferred solution based on research findings that satisfies elements and principles of design and key objectives of project brief
	3.3 Provide clear and relevant research information highlighting findings and rationale for finishes chosen

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Numeracy skills to interpret technical information.
- Reading skills to interpret design briefs and research information.
- Writing skills to document research findings and solutions.

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

Unit Mapping Information

Release 1. Supersedes and not equivalent to MSFFDT4010 Research and select furniture finishes.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73