Australian Government

MSFID5009 Research and recommend colour and applied finishes

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers researching and recommending colour and applied finishes to achieve special effects for interior decoration and design solutions using research methodologies to identify the latest technologies.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Competency Field

Unit Sector

Interior Decoration and Design

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
1 Analyse project requirements	1.1	Applicable work health and safety (WHS), legislative and organisational requirements relevant to researching and recommending colour and applied finishes are verified and complied with
	1.2	Project brief is reviewed and analysed to determine desired effects for interior space
	1.3	Aesthetic requirements of the space are assessed
	1.4	Tactile requirements of the desired effect in relation to the design are analysed
	1.5	Client requirements and desired effects are reviewed, confirmed and clarified

2	Research colour and applied finishes	2.1	Social, psychological, cultural and historical relationships of colour are researched in relation to their interior decoration uses and applications
		2.2	Colour trends are researched to ascertain the latest colour fashions and influences
		2.3	New technologies are researched and reported
		2.4	Application methods and available expertise for the desired effect are assessed
		2.5	Application processes and techniques, and available expertise for the desired effect are assessed
		2.6	Costs of materials and application methods are assessed and compared
		2.7	Environmental impact of materials and application methods are assessed
		2.8	Longevity and restorability of materials and application methods are researched
		2.9	Hazards associated with the use and application of materials are researched
		2.10	Quality of materials and application methods are assessed
		2.11	Sources or suppliers of coloured products or finishes are found and recorded
3	Recommend colour and applied finishes	3.1	Research information is critically analysed in the context of the design brief requirements
		3.2	Effects are examined in terms of elements and principles of design to determine fit for client requirements
		3.3	Experimentation with colour and applied finishes is undertaken to refine and test material and application methods
		3.4	Colour products and finishes are selected according to the style, size, lighting and intended use of the space
		3.5	Paint finishes are selected to suit surface types, location and spaces
		3.6	Application methods are selected and specified to meet

client requirements

3.7   Presentation of research information is made highlighting the findings and rationale for the materials and application methods chosen

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit context includes:	• WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent • work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures, Liveable and Accessible Housing Design guidelines, and organisation insurance requirements • work requires individual to demonstrate discretion, judgement and problem solving, plus self-management and learning skills
Colour and applied finishes include:	• paints • waxes • lacquers • stains • pigments • oils • traditional finishes • plastic coatings • UV-protected coatings • liquid coatings • synthetic coatings • synthetics • paper • glass • vinyls • textiles • laminates • plastics • stainless steel • metals • veneers • ceramics • stone-based products • application techniques

Project brief includes:	- new and emerging technologies - client needs and objectives - client aims and objectives, and criteria for evaluation - milestones - organisational or personal profiles and aims - image requirements and function - target market - budget - timeline - consultation requirements - colour requirements
Aesthetics include:	the consideration of appeal to a large number of people; products are pleasing to the eye of many who view it
Tactile includes:	that perceived by the sense of touch and producing the effect of 3-D depth
Cultural issues include:	- demography - geography (local, regional and national) - religious - climatic - societal - cultural - lifestyle - attitudinal - gratification - honour - living conditions - infrastructure - status - habitude
Historical includes:	colour study of early civilisation, Berlin & Kay, Aristotle, Newton, Hippocrates, Leonardo Da Vinci, the Renaissance, Goethe's theory of colours, Chevreul and Bauhaus School
Trends may include:	- new directions resulting from events that are at times subtle and others significant - colour trends where experts gather information from around the world and study changing events and ideas to produce a comprehensive colour story, in the same way that designers seek unique styles and incorporate current philosophies into their work
Application methods include:	- spraying - painting - applicators

	• gluing
	• vacuum wrapping
	• rubbing
	• bonding
Costs include:	• the cost of products and materials together with the cost of obtaining them either locally, interstate or overseas
Environmental impacts include:	• how the making and use of finishes and materials effects the environment and how its continued use will affect the area it has been sourced from
	• energy consumption in applying the material
	• greenhouse gases created
	• waste levels and resource utilisation
	• what impact will be felt by reducing or stopping use of the finish or materials
Longevity and restorability include:	• an analysis of how long the finish or material is expected to last, while maintaining quality of aesthetic value and how readily the finish or material can be upgraded, repaired or replaced
Hazards include:	• toxins and gases released by some finishes, glues and materials which may be harmful to people if not used correctly
Sources include:	• paint shops
	• suppliers
	• wholesalers
	• retailers
	• manufacturers
	• designers
Products include:	• furniture
	• soft furnishings
	• floor treatments
	• curtain treatments
	• built-in cabinetry or fittings
	• light fittings
	• lamps
	• picture framing
Finishes include:	• paints
	• waxes
	• lacquers
	• stains
	• pigments
	• oils
	• plastic coatings

	• veneers
	• ceramics
	• stone
	• glass
	• textiles
	• other textures
Critical analysis includes:	• comparing
	• contrasting
	• reflecting
	• critiquing
	• considering merit
	• discussion
	• debate
Elements and principles of design, including liveability and accessibility, include:	• balance
	• similarity
	• texture
	• contrast
	• size
	• ground and volume
	• composition
	• orientation
	• form
	• structure
	• 2-D space
	• position
	• proportion
	• 3-D space
	• repetition
	• scale
	• line
	• rhythm
	• pattern
	• point
	• symmetry
	• tone
	• plane
Information and procedures include:	• work instructions, including plans, drawings and designs
	• workplace procedures relating to reporting and communication
	• manufacturer specifications and operational procedures

Unit Mapping Information

Supersedes and is equivalent to LMFID5009A Research and recommend colour and applied finishes.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27 b03ed73