

Title:	Producing quality replica marble finishes in the workplace	
Level:	3	
Value for TQT:	220	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when producing quality replica marble finishes.	1.1	Interpret and extract relevant information from drawings, specifications, current regulations, schedules, risk assessments, method statements and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
	1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> – drawings, specifications, current legislation, schedules, risk assessments, method statements and manufacturer's information, official guidance and current regulations governing buildings associated with occupational requirements.
2 Know how to comply with relevant legislation and official guidance when producing quality replica marble finishes.	2.1	Describe their responsibilities regarding potential accidents and health hazards, people and the environment whilst working: <ul style="list-style-type: none"> – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials and by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company, operative and vehicles.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
	2.4	Describe the types of fire extinguishers available when producing quality replica marble finishes and describe how and when they are used.

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3 Maintain safe and healthy working practices when producing quality replica marble finishes.	3.1	Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when producing quality replica marble finishes.
	3.2	Demonstrate compliance with given information and relevant legislation when producing quality replica marble finishes in relation to all of the following: <ul style="list-style-type: none"> – safe use of access equipment – safe use, storage and handling of materials, tools and equipment – specific risks to health.
	3.3	Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to producing quality replica marble finishes and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).
	3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
	3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.

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4	Select the required quantity and quality of resources for the methods of work to produce quality replica marble finishes.	4.1	Select resources associated with own work in relation to materials, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> – water-borne and solvent-borne proprietary scumbles and scumble glazes – paints, stainers, binders, solvents, pigments, appropriate protective coatings and driers – protective sheeting and masking materials – waste containers and/or bags – access equipment – hand tools and ancillary equipment.
		4.3	Describe how to confirm that the resources and materials conform to the specification.
		4.4	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.5	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.6	Describe any potential hazards associated with the resources and methods of work.
		4.7	Describe how to calculate quantity, including wastage of materials associated with the method and procedure to produce quality replica marble finishes.
5	Minimise the risk of damage to the work and surrounding area when producing quality replica marble finishes.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2	Maintain a clear tidy work space.
		5.3	Dispose of waste in accordance with current legislation.
		5.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations, members of the public and adverse atmospheric conditions.

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5	continued	5.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6	Complete the work within the allocated time when producing quality replica marble finishes.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> – types of progress charts, timetables and estimated times – organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to produce quality replica marble finishes to the required specification.	7.1	Demonstrate the following work skills when producing quality replica marble finishes: <ul style="list-style-type: none"> – mixing, blending, pouring, diluting, masking, laying-on, stippling, softening, feathering, opening-up and wiping out.
		7.2	Use and maintain hand tools and associated equipment.
		7.3	Prepare high quality grounds and produce quality replica marble finishes on broad and linear work, by at least two distinct stages, using water-borne and/or solvent-borne scumble to given working instructions for at least two of the following: <ul style="list-style-type: none"> – Carrara – Verte De Mer – Sienna.
		7.4	Apply appropriate protective coating to given working instructions

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7 continued	<p>7.5 Describe how to apply safe and healthy work practices, procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> – establish access requirements – check suitability of previously prepared surface and bring up to appropriate finish and ground colour – identify materials for inclusion in scumbles – prepare paint and/or scumble products (proprietary and self-produced) – prepare brushes, specialised tools and equipment – produce high quality replica marble finishes – apply marble finishes to broad and linear work – complete work in stages – identify how atmospheric conditions affect coatings and their application process – provide information for Building Information Modelling (BIM) – recognise and determine when specialist skills and knowledge are required and report accordingly – determine specific requirements for structures of special interest, traditional build (pre 1919) and historical significance – identify and follow manufacturers' instructions – work around and in close proximity to plant and machinery – direct and guide the operations and movement of plant and machinery – inspect and use access equipment – work at height – use hand tools and associated equipment.
	<p>7.6 Describe the needs of other occupations and how to communicate effectively within a team when producing quality replica marble finishes.</p>
	<p>7.7 Describe how to maintain the tools and associated equipment used when producing quality replica marble finishes.</p>

Title:	Producing Quality Replica Marble Finishes in the Workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ Structure. Please refer to the NVQ Structure applicable to the qualification/occupational area in which the candidate is being assessed.</p>
Sector Subject Area	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	90
Assessment	30