

Unit 38: Developing Advanced Skills in Laying Screeds and Granolithic Flooring

Unit code: Y/503/5775

OCF Level 3: 3

Credit value: 5

Guided learning hours: 50

Unit aim

This unit enables learners to understand the tools, equipment and working techniques used to perform flooring finishes operations to complex designs and decorative features. It gives learners the opportunity to develop skills used in producing decorative and architectural floor finishes where a high degree of accuracy and quality is required.

Learning outcomes and assessment criteria

In order to pass this unit, the evidence that the learner presents for assessment needs to demonstrate that they can meet all the learning outcomes for the unit. The assessment criteria determine the standard required to achieve the unit.

On completion of this unit a learner should:

Learning outcomes	Assessment criteria
1 Understand how to plan the forming of screeds and granolithic finishes	1.1 Describe the selection and use of resources in granolithic work 1.2 Explain the uses of coordinated project information
2 Understand the forming of screeds and granolithic finishes	2.1 Outline the preparation of a sub-floor 2.2 Explain methods for forming screeds and granolithic finishes 2.3 Compare monolithic, unbonded and floating floors 2.4 Explain finishes and materials used for non-slip surfaces 2.5 State the effects of common problems associated with the forming of screeds and granolithic finishes
3 Be able to plan for forming of screeds and granolithic finishes	3.1 Interpret information

	<p>3.2 Comply with current legislation and codes of practice</p> <p>3.3 Select tools, equipment and aggregates for a given granolithic project</p> <p>3.4 Determine quantities for a given granolithic project</p>
<p>4 Be able to form screeds and granolithic finishes</p>	<p>4.1 Carry out setting out processes</p> <p>4.2 Prepare background or sub-base</p> <p>4.3 Carry out granolithic methods</p> <p>4.4 Use selected hand and power tools safely</p> <p>4.5 Recommend appropriate resolution to problems encountered</p> <p>4.6 Apply finishes relevant to the project</p> <p>4.7 Ensure the work is cured</p>

DRAFT

THIS IS AN ACCREDITED SPECIFICATION AND CAN BE USED FOR TEACHING AND ASSESSMENT

Unit content

1 Understand how to plan forming of screeds and granolithic finishes

Resources: components and equipment: aggregates and cements; screed rails; damp proof membranes; drainage outlets; beads and trims

Product information: schedule; specifications; working drawings (location, assembly, components)

2 Understand the forming of screeds and granolithic finishes

Methods: setting out; sub-floor preparation; laying to levels and falls; formwork; mixing materials; forming (skirtings, upstands, cuing)

Finishes: carborundum; metal filings; studded roller; non-slip

Common problems and effects: inconsistent mixing; expansion; contraction; background defects

3 Be able to plan for forming of screeds and granolithic finishes

Information: drawings; specifications; manufacturer's data

Legislation: site protocol; health, welfare and safety; power tools; electricity; first_aid

Quantities: screeds; granolithic; proprietary

4 Be able to form screeds and granolithic finishes

Setting out: floor; upstands; levels; gradients

Methods: granolithic; screeds; falls; cross_falls; surface finish (float, trowel, applied)