



National Unit Specification

General information

Unit title: Plastering: Acrylic Rendering and Roughcasting
(SCQF level 6)

Unit code: HK4P 46

Superclass: TG

Publication date: June 2017

Source: Scottish Qualifications Authority

Version: 02

Unit purpose

This unit is suitable for learners working towards a Modern Apprenticeship in Plastering and will develop the learners understanding of acrylic rendering and roughcasting finishes. This unit is designed to provide learners with competence in preparing backgrounds, fixing plastic trims, applying base coats/one coat system using premixed renders to produce scraped render, dry dashing, and acrylic rendering and will show the ability to apply these in the workplace. It is also designed to enable learners to develop their understanding of current external rendering and roughcasting terminology, techniques and practices.

Outcomes

On successful completion of the unit the learner will be able to:

- 1 Identify terminology, components, techniques and sequence of operations for the application of premixed renders and acrylics.
- 2 Produce a scraped render finish incorporating plastic trims.
- 3 Produce an acrylic render finish.
- 4 Produce a dry dash finish using pre-mixed renders.

Credit points and level

1 National Unit credit at SCQF level 6: (6 SCQF credit points at SCQF level 6)

National Unit Specification: General information (cont)

Unit title: Plastering: Acrylic Rendering and Roughcasting
(SCQF level 6)

Recommended entry to the unit

While entry to this unit is at the discretion of the centre, learners undertaking the Professional Development Award in Plastering at SCQF level 6 must meet the requirements of the Modern Apprentices which include being employed in the relevant craft industry.

Core Skills

Achievement of this unit gives automatic certification of the following Core Skills component:

Complete Core Skill None

Core Skill component Critical Thinking at SCQF level 4

There are also opportunities to develop aspects of Core Skills which are highlighted in the support notes of this unit specification.

Context for delivery

If this unit is delivered as part of a group award, it is recommended that it should be taught and assessed within the subject area of the group award to which it contributes.

Equality and inclusion

This unit specification has been designed to ensure that there are no unnecessary barriers to learning or assessment. The individual needs of learners should be taken into account when planning learning experiences, selecting assessment methods or considering alternative evidence.

Further advice can be found on our website www.sqa.org.uk/assessmentarrangements.

National Unit Specification: Statement of standards

Unit title: Plastering: Acrylic Rendering and Roughcasting
(SCQF level 6)

Acceptable performance in this unit will be the satisfactory achievement of the standards set out in this part of the unit specification. All sections of the statement of standards are mandatory and cannot be altered without reference to SQA.

Outcome 1

Identify terminology, components, techniques and sequence of operations for the application of premixed renders and acrylics.

Performance criteria

- (a) Identify various external renders and acrylic finishes.
- (b) Identify the techniques and sequence of operations required for external renders and acrylic finishes.
- (c) Identify health and safety requirements related to external cement work and acrylic finishes.

Outcome 2

Produce a scraped render finish incorporating plastic trims.

Performance criteria

- (a) Identify and select the correct tools and materials for the given task.
- (b) Prepare backgrounds and mix render to manufacturer's instructions.
- (c) Bed or fix plastic trims into position.
- (d) Apply straighten and finish pre-mixed scraped render in one or two coat system to manufacturer's instructions.

Outcome 3

Produce an acrylic render finish.

Performance criteria

- (a) Identify and select the correct tools and materials for the given task.
- (b) Prepare backgrounds and mix acrylic render to manufacturer's instructions.
- (c) Apply and finish pre-mixed acrylic render to manufacturer's instructions.

National Unit Specification: Statement of standards (cont)

Unit title: Plastering: Acrylic Rendering and Roughcasting
(SCQF level 6)

Outcome 4

Produce a dry dash finish using pre-mixed renders.

Performance criteria

- (a) Identify and select the correct tools and materials for the given task.
- (b) Prepare backgrounds and mix render to manufacturer's instructions.
- (c) Bed reinforcing scrim to first coat or within first pass of a one coat system.
- (d) Bed or fix plastic trims into position.
- (e) Apply and dry dash render in one or two coat system to manufacturer's instructions.

Evidence requirements for this unit

These evidence requirements will be met by the completion of the Plastering Training and Assessment Programme (TAP).

Evidence is required to demonstrate that the learner has achieved this unit to the standard specified in all outcomes and performance criteria.

Written and/or oral recorded evidence is required to demonstrate that the learner has achieved Outcome 1 to the standard specified in the performance criteria. Learners will demonstrate their knowledge and understanding of methods used to apply scraped render, acrylic render, dry dashing, demonstrate an understanding of pre-mixed render finishes and use calculations to work out areas and perimeters. The instrument of assessment will be a questions paper conducted in supervised, closed-book conditions.

Product and performance evidence is required to demonstrate that the learner has achieved Outcomes 2, 3, and 4 to the standards specified in the performance criteria. Learners will be required to prepare backgrounds, apply plastic trims, set out apply and finish scraped render, acrylic render and dry dashing. Learners must demonstrate safe handling of tools and materials, an awareness of standards and tolerances and comply with workshop cleaning and maintenance and health and safety/Personal Protective Equipment regulations.

National Unit Specification: Statement of standards (cont)

Unit title: Plastering: Acrylic Rendering and Roughcasting
(SCQF level 6)

Outcome 2

Apply and finish scraped render min 4 m² to wall area and attached pier.

Summary of Standards	
Item	Measurement of standard
Background preparation	Checks for: plumb, suction, flatness, key. Appropriate action is taken to ensure sufficient key and suction is controlled to prevent excessive drying out of the first coat.
Bellcast/render stop bead	Cut to required length ± 3 mm. Securely fixed to background using proprietary fixings or bedding. Level ± 3 mm and straight throughout its length.
Stop bead	Cut to required length ± 3 mm. Securely fixed to background using proprietary fixings or bedding. Plumb ± 3 mm and straight throughout its length.
External angle bead	Cut to required length ± 3 mm. Securely fixed to external corner using proprietary fixings or bedding. Plumb ± 3 mm and straight throughout its length.
First coat or first pass in one coat system	Flat and free from heavy trowel marks, minimum thickness 8 mm.
Key	Overall surface evenly scratched to provide a strong key no misses. Key depth no more than half the thickness of coating.
Straightening coat	Ruled flat and plumb ± 3 mm, minimum thickness 10 mm, or per manufacturer's instructions.
Internal corner	Square, flat and plumb ± 4 mm, checked top, middle and bottom, 2 out of 3.
scraped finish	2–3 mm scraped back to produce an even flat surface, and excess material brushed off with soft brush. Flat and plumb ± 3 mm
Wastage	Kept to a minimum.
Work area	Clean at all times.
Health and safety	Complies at all times.

National Unit Specification: Statement of standards (cont)

Unit title: Plastering: Acrylic Rendering and Roughcasting
(SCQF level 6)

Outcome 3

Apply acrylic render to wall area and attached pier (min area 4 m²)

Summary of Standards	
Item	Measurement of standard
Background preparation	Check background is flat and free imperfections, control suction with recommended primer as per manufacturer's instruction.
Mixing material	Pre-mixed material stirred thoroughly to improve workability.
Application of material	Material applied with trowel to 1–2 mm or as per manufacturer's instructions.
Finishing material	Material flattened in with spatula or plastic trowel to produce a smooth flat finish, min three imperfections
Wastage	Kept to a minimum.
Work area	Clean at all times.
Health and safety	Complies at all times.



National Unit Support Notes

Unit title: Plastering: Acrylic Rendering and Roughcasting
(SCQF level 6)

Unit support notes are offered as guidance and are not mandatory.

While the exact time allocated to this unit is at the discretion of the centre, the notional design length is 40 hours.

Guidance on the content and context for this unit

This unit has been developed as a mandatory unit in the Professional Development Award in Plastering at SCQF level 6.

The successful completion of this unit will provide learners with the required underpinning knowledge and skills relating to preparing backgrounds, fixing plastic trims, applying base coats/one coat system using premixed renders to produce scraped render, dry dashing, and acrylic rendering and health and safety.

Knowledge elements of this unit should cover the following:

- ◆ *Tools and materials.*
- ◆ *Preparing backgrounds.*
- ◆ *Manufacture of premixed renders.*
- ◆ *Application of various premixed renders and acrylics.*
- ◆ *Fixing and bedding plastic trims.*
- ◆ *Scrims and insulation.*
- ◆ *Calculations of areas, perimeters and cost.*
- ◆ *Health and safety when using Cementous and acrylic material.*

Practical elements of this unit should cover the following:

- ◆ *Tools and materials.*
- ◆ *Preparing backgrounds.*
- ◆ *Applying and finishing scraped renders*
- ◆ *Applying and finishing acrylic renders.*
- ◆ *Fixing and bedding plastic trims.*
- ◆ *Producing a dry dash finish.*
- ◆ *Complying with health and safety regulations.*

National Unit Support Notes (cont)

Unit title: Plastering: Acrylic Rendering and Roughcasting (SCQF level 6)

Health and safety and sustainability are integral and key to the construction industry therefore throughout the unit emphasis will be placed where appropriate on the application of health and safety and sustainability. Safety working practices should be looked at in accordance with current safety codes of practice and regulations. Sustainability should include reference to criteria affecting sustainability, impact of not implementing sustainability on the environment and the legislation promoting sustainability.

Guidance on approaches to delivery of this unit

The learner should be provided with rendering materials and photographs/visual aids in a workshop environment followed by lecturer led demonstrations on how these rendering materials should be used safely and correctly.

The learner should be introduced to a workshop environment where lecturer led demonstrations on preparing a range of backgrounds, apply plastic trims to piers edges and bellcast area, set out apply and finish scraped render using a one or two coat system, apply and finish acrylic render and produce a dry dash finish. The learner should follow demonstrations which should be supported by classroom notes and group discussions. Learners may work in pairs to carry out the practical elements of this unit.

Where appropriate, opportunities should be taken throughout delivery of this unit to meet the requirements of the generic units of the Training and Assessment Programme including:

- ◆ *Conform to Productive Working Practices*
- ◆ *Conform to General Workplace Health, Safety and Welfare*
- ◆ *Move, Handle and Store Resources*
- ◆ *Confirm Work Activities and Resources for the Work*
- ◆ *Develop and Maintain Good Working Relationships*
- ◆ *Confirm the Occupational Method of Work*

Guidance on approaches to assessment of this unit

Detailed assessment material for this unit will be found in the Plastering Training and Assessment Programme (TAP). Centres may use the instruments of assessment which they consider to be most appropriate but are advised to use the Plastering TAP which has been developed centrally by SQA. Any other instruments of assessment used must be comparable to the TAP and have been through prior verification.

The learner's knowledge and understanding of external acrylics renders and roughcast will be assessed through a question paper.

A range of related tasks will assist in learners' preparation in the lead-up to each practical assessment. The tasks should provide learners with opportunities to practice their skills on renders and acrylics and should progressively develop both skills and understanding before each assessment.

National Unit Support Notes (cont)

Unit title: Plastering: Acrylic Rendering and Roughcasting
(SCQF level 6)

Evidence will be gathered for all outcomes through observation that the learners have met the given standards and tolerances during the practical assessment. An assessor observation checklist should be used to record this evidence. Assessment should be conducted under controlled, supervised conditions.

Opportunities for e-assessment

E-assessment may be appropriate for some assessments in this unit. By e-assessment we mean assessment which is supported by Information and Communication Technology (ICT), such as e-testing or the use of e-portfolios or social software. Centres which wish to use e-assessment must ensure that the national standard is applied to all learner evidence and that conditions of assessment as specified in the Evidence Requirements are met, regardless of the mode of gathering evidence. The most up-to-date guidance on the use of e-assessment to support SQA's qualifications is available at www.sqa.org.uk/e-assessment.

Opportunities for developing Core and other essential skills

The Core Skill of Problem Solving at SCQF level 4 could be developed as learners undertake this unit. Learners will need to take account of a range of factors in order to work efficiently and safely, such as the choice of tools, appropriate materials, safety issues, safety equipment and sustainability. Individual discussions with assessors will enhance the evaluation of efficient working practices.

There are opportunities for learners to develop the Core Skill of Working with Others at SCQF level 4, as this practical assessment may be carried out working in pairs. Learners can agree responsibilities and provide support and information to each other during the assessments. After assessment, they should be encouraged to consider how effectively they supported each other.

Numeracy at SCQF level 4 could be developed through measuring and costing exercises.

There will be opportunities for learners to develop the Core Skill of Communication at SCQF level 4. Learners will have the opportunity to develop written and/or oral communication skills for the knowledge part of the assessment for Outcome 1. As learners complete practical tasks, they should be expected to communicate with others using the correct terminology, tone and style suited to the workplace.

This unit has the Critical Thinking component of Problem Solving embedded in it. This means that when learners achieve the unit, their Core Skills profile will also be updated to show they have achieved Critical Thinking at SCQF level 4.

History of changes to unit

Version	Description of change	Date
02	Core Skills components Critical Thinking at SCQF level 4 embedded.	01/06/17

© Scottish Qualifications Authority 2017

This publication may be reproduced in whole or in part for educational purposes provided that no profit is derived from reproduction and that, if reproduced in part, the source is acknowledged.

Additional copies of this unit specification can be purchased from the Scottish Qualifications Authority. Please contact the Business Development and Customer Support team, telephone 0303 333 0330.

General information for learners

Unit title: Plastering: Acrylic Rendering and Roughcasting
(SCQF level 6)

General Information for learners

This unit is aimed at those who are interested in pursuing a career in the craft of plastering. You will gain an understanding of the terminology and sequences of applying acrylic rendering.

You will also be provided with the knowledge to allow you to appreciate the reasons for carrying out the practical work in the manner directed and the reasons for using specific tools, materials, components and equipment.

Health and Safety and Sustainability are integral and key to the construction industry therefore throughout the unit emphasis will be placed where appropriate on the application of Health and Safety and Sustainability. Safety working practices will be looked at in accordance with current safety codes of practice and regulations.

There will be a series of training exercises followed by some practical task based assessment and multi choice knowledge assessment. Completion of the unit will provide you with the basic skills necessary to enable you to progress to more complex aspects of plastering which in turn will further develop your skills and knowledge.

The Core Skill of Problem Solving at SCQF level 4 could be developed as you undertake this unit. You will need to take account of a range of factors in order to work efficiently and safely, such as the choice of tools, appropriate materials, safety issues, safety equipment and sustainability. Individual discussions with assessors will enhance the evaluation of efficient working practices.

There are opportunities for you to develop the Core Skill of Working with Others at SCQF level 4, as this practical assessment may be carried out working in pairs. You can agree responsibilities and provide support and information to each other during the assessments. After assessment, you should consider how effectively they supported each other.

Numeracy at SCQF level 4 could be developed through measuring and costing exercises.

There will be opportunities to develop the Core Skill of Communication at SCQF level 4.

This unit has the Critical Thinking component of Problem Solving embedded in it. This means that when you achieve the unit, your Core Skills profile will also be updated to show you have achieved Critical Thinking at SCQF level 4.