PRACTICAL TASK MANUAL

6808-33 Level 3 Diploma in Plastering

December 2017 Version 1.2

City & Guilds

Contents

Task manual amendments

Amendments since version 1.0

Page 5 Amended Unit 315 Task 1 title.

Page 27 Amended Unit 315 Task 1 title.

Page 45 Unit 314, Figure 1 Horizontal measurement corrected to read 350 mm.

Page 47 Unit 314, Figure 3 Drawing amended to be in accordance with overall task design.

Page 50 Amended Unit 315 Task 1 title.

Amendments since version 1.1

Page 6 'Authenticity and IQA/QC sampling' included

Candidate details

This *Practical task manual* is a record of your achievement in practical assessments. You must keep it in good condition and it must be stored in a safe place by your Assessor.

Please fill in all of your details before you carry out any assessments.

Candidate Details

Surname		Forename(s)	

City & Guilds enrolment number	

Centre Details

Name		Centre No	

I understand the requirements of the qualification and that all the work towards the assessments must be my own.

Candidate signature (please print)	

Assessor name (please print)		Signed	
		Date	

Unit assessment overview
Practical task completion record

To be completed by Assessor:

For each task, the points for each grade are
Pass = 1, Merit = 2, and Distinction = 3 points.

Conversion chart	
Average	**Overall Grade**
1 – 1.5	Pass
1.6 – 2.5	Merit
2.6 – 3	Distinction

Unit 311 Running in-situ moulds

Task	**Grade for task**
1 Run an in-situ cornice on a curved background (solid route)	P / M / D / X
OR	
2 Run an in-situ mould on a flat background (fibrous route)	P / M / D / X
AND (for either route)	
End of unit knowledge test	P / X

Assessor signature and date:

The overall grade will be the same as the single graded task in this unit.

Overall grade

Unit 312 Applying plastering materials to detailed interiors

Task	**Grade for task**	**Points** (graded tasks)
1 Apply three-coat work to an internal curved background	P / M / D / X	
2 Fix EML and apply three-coat work to an internal pier and beam	P / M / D / X	
End of unit knowledge test	P / X	
All tasks must be passed for the unit to be achieved.	**Total**	
	For graded tasks, divide total points by total number of graded tasks	÷ 2
	Average =	
	Overall grade (see conversion chart)	

Assessor signature and date:

Unit 313 Applying plastering materials to detailed exteriors

Task	Grade for task
1 Apply plastering materials to detailed exteriors	P / M / D / X
End of unit knowledge test	P / X

Both tasks must be passed for the unit to be achieved.

Assessor signature and date:

The overall grade will be the same as the single graded task in this unit.

Overall grade

Unit 314 Producing reverse moulds for detailed fibrous plaster and cement casting

Task	Grade for task
1 Produce a model of a corbel/truss	P / M / D / X
2 Produce a reverse mould to cast a fluted corbel/truss	P / X
End of unit knowledge test	P / X

All tasks must be passed for the unit to be achieved.

Assessor signature and date:

The overall grade will be the same as the single graded task in this unit.

Overall grade

Unit 315 Producing and fixing detailed fibrous plaster and cement casts

Task	Grade for task	Points (graded tasks)
1 Produce model, produce reverse mould and cast cornice	P / M / D / X	
2 Fix enriched cornice	P / M / D / X	
End of unit knowledge test	P / X	
All tasks must be passed for the unit to be achieved.	**Total**	
	For graded tasks, divide total points by total number of graded tasks	÷ 2
	Average =	
	Overall grade (see conversion chart)	

Assessor signature and date:

Authenticity and IQA/QC sampling

The assessor's signature on individual tasks will be taken as assurance that the judgements recorded are made on authentic candidate work produced under appropriate conditions. Please complete the declaration below to confirm this is the case.

I confirm that all tasks were conducted under conditions designed to assure the authenticity of the candidate's work, and am satisfied that, to the best of my knowledge, the work assessed was solely that of the candidate. I have judged all assessments against the relevant assessment and grading criteria and award the candidate the unit grades as calculated above.	
Assessor signature	Date
*IQA signature and date	*QC signature and date

***IQA and QC signatures attest to the evidence available on the recorded date(s).**

Instructions to candidates

About this document

This *Practical task manual* contains all of the practical assessment for the 6808-33 Level 3 Diploma in Plastering.

Practical tasks

These tasks let you show your practical skills and are usually graded pass, merit or distinction – one is pass only. These tasks will be assessed by your assessor watching how you carry out the tasks and checking your final pieces of work.

Before you carry out the task you will be told how it will be assessed and you should read the observation checklist at the end of each task so you know what you need to do to get each grade.

You can ask your assessor for help in understanding the task instructions, but all of the work must be your own.

Health and safety

You must use safe working practices at all times.

You are responsible for your own safety and the safety of others. If you behave in an unsafe way, you will be stopped and given a warning. If you do not meet all of the Health and Safety requirements, the assessment will be stopped. Your assessor will not be able to let you try the task again until they are sure you can work safely.

Time considerations

Each task shows how long it is likely to take. This is for guidance and so you can plan your work. If you have a good reason for needing more time you must explain this to your assessor as soon as possible so they can decide whether you can have more time.

Security

Where an assignment is taken over more than one session, all documentation, paperwork and work products must be labelled carefully with your name and kept securely at the centre. Your assessor will give you directions about how to leave your work.

Opportunities to repeat tasks

The tasks are 'end tests' so you will only be asked to take the assessment when you have had the chance to do all of the learning and practice you need. You will be able to try the whole task again if you do not pass, but you will not be able to take the assessment again just to try to get a better grade.

Feedback

As well as telling you the result for the task your assessor will give you feedback. They will give you a feedback sheet with details of what you could do to improve, and also what you did well. This will help you to prepare for other assessments or to retake the assessment if you need to.

Unit 311 Running in-situ moulds
Task 1 Run an in-situ cornice on a curved background (solid route)

Task coversheet

Expected time	20 hours
Task instructions	Instructions to learner: In this task you will… • Refer to the drawings and specifications provided • Complete a risk assessment • Complete a resource checklist • Produce a template • Construct a running mould • Run an in-situ cornice on a curved background with two external mitres and two stop ends • Take a plaster squeeze from the finished job • Maintain a clean work area • Work safely at all times
Diagrams	See pages 32-34

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
2.1, 2.2, 2.3	referred to any drawings, specifications and manufacturer's instructions, and confirmed understanding of the task	☐		
2.7	correctly answered oral question on reporting discrepancies in drawings, specifications and schedules	☐		
6.1	completed a *Risk Assessment* prior to commencing practical activity	☐		
1.4, 2.4, 4.1, 4.2	completed a *Resource Checklist*	☐		
2.5	cut and filed profile accurately from given drawing	☐ on 3rd attempt	☐ on 2nd attempt	☐ on 1st attempt
	constructed a running mould accurately	☐ on 3rd attempt	☐ on 2nd attempt	☐ on 1st attempt
4.4	* positioned and securely fixed running rule to correct depth (105 mm) from the centre point of curve to the left mitre	☐ ± 3 mm	☐ ± 2 mm	☐ ± 1 mm

AC	The candidate has	Pass	Merit	Distinction
4.4	* positioned and securely fixed running rule to correct depth (105 mm) from the centre point of curve to the right mitre	☐ ± 3 mm	☐ ± 2 mm	☐ ± 1 mm
6.2, 6.3, 6.5	* formed/fixed muffle for running core 4 mm from profile	☐ ± 2 mm	☐ ± 1 mm	☐ ± 0 mm
4.5	mixed core material to correct ratio and consistency	☐		
	mixed finish material to correct ratio and consistency	☐		
6.2, 6.3, 6.5	* run finished profile and minimised defects (light scarring, slight gathering on, light chatter marks and small gauls, blemishes, suction cracks or pin holes)	☐ no more than 6 minor defects	☐ no more than 4 minor defects	☐ no more than 2 minor defects
	* setup bench with upstand, cored out and run short break and minimised defects (light scarring, slight gathering on, light chatter marks and small gauls, blemishes, suction cracks or pin holes)	☐ no more than 3 minor defects	☐ no more than 2 minor defects	☐ no more than 1 minor defects
6.4	* formed mitres, returns and stop ends and minimised defects (steps and sharp in detail)	☐ no more than 6 minor defects	☐ no more than 4 minor defects	☐ no more than 2 minor defects
	* left stop end cut, fitted and returned square, with correct length (300 mm)	☐ ± 6 mm	☐ ± 4 mm	☐ ± 2 mm
	* right stop end cut, fitted and returned square, with correct length (300 mm)	☐ ± 6 mm	☐ ± 4 mm	☐ ± 2 mm
2.6	taken a plaster squeeze from the finished job	☐		
2.8, 4.3, 4.6, 6.6, 6.7	followed current environmental and health and safety regulations	☐		
	used tools, equipment and materials in a safe manner	☐		
	used and maintained PPE as appropriate	☐		
	maintained a clean and safe working area	☐		
	cleaned and returned all tools and equipment once the task is complete	☐		

Task grading rules	Task grade:
To award a **pass**: every criteria in the checklist must be achieved to **at least** a pass standard.	
To award a **merit**: in addition to the above, all **8** essential criteria (marked with *) must be achieved to **at least** a merit standard.	
To award a **distinction**: in addition to the above, all **8** essential criteria (marked with *) must be achieved to a distinction standard and the **2** remaining non-essential criteria must be achieved to **at least** a merit standard.	

Assessor	Signature & Date

Unit 311 Running in-situ moulds
Task 2 Run an in-situ mould on a flat background (fibrous route)

Task coversheet

Expected time	24 hours
Task instructions	Instructions to learner: In this task you will… • Refer to the drawings and specifications provided • Complete a risk assessment • Complete a resource checklist • Produce a template • Construct a running mould • Run an in-situ mould on a flat background with mitred cuts and return stop ends • Take a plaster squeeze from the finished job • Maintain a clean work area • Work safely at all times
Diagrams	See pages 35-37

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
2.1, 2.2, 2.3	referred to any drawings, specifications and manufacturer's instructions, and confirmed understanding of the task	☐		
2.7	correctly answered oral question on reporting discrepancies in drawings, specifications and schedules	☐		
6.1	completed a *Risk Assessment* prior to commencing practical activity	☐		
1.4, 2.4, 4.1, 4.2	completed a *Resource Checklist*	☐		
2.5	cut and filed profile accurately from given drawing	☐ on 3rd attempt	☐ on 2nd attempt	☐ on 1st attempt
	constructed a running mould accurately and attached gig stick to running mould to correct radius	☐ on 3rd attempt	☐ on 2nd attempt	☐ on 1st attempt
4.4	* positioned and securely fixed centre block at the centre point of the springing line	☐ ± 3 mm	☐ ± 2 mm	☐ ± 1 mm
6.2, 6.3, 6.5	* formed/fixed muffle for running core 4 mm from profile	☐ ± 2 mm	☐ ± 1 mm	☐ ± 0 mm

AC	The candidate has	Pass	Merit	Distinction
4.5	mixed core material to correct ratio and consistency	☐		
	mixed finish material to correct ratio and consistency	☐		
6.2, 6.3, 6.5	* run finished profile and minimised defects (light scarring, slight gathering on, light chatter marks and small gauls, blemishes, suction cracks or pin holes)	☐ no more than 6 minor defects	☐ no more than 4 minor defects	☐ no more than 2 minor defects
	* setup bench, cored out and run short break and minimised defects (light scarring, slight gathering on, light chatter marks and small gauls, blemishes, suction cracks or pin holes)	☐ no more than 3 minor defects	☐ no more than 2 minor defects	☐ no more than 1 minor defects
6.4	* formed mitres, returns and stop ends and minimised defects (steps and sharp in detail)	☐ no more than 6 minor defects	☐ no more than 4 minor defects	☐ no more than 2 minor defects
	* left stop end cut, fitted and returned square, with correct length (300 mm)	☐ ± 6 mm	☐ ± 4 mm	☐ ± 2 mm
	* right stop end cut, fitted and returned square, with correct length (300 mm)	☐ ± 6 mm	☐ ± 4 mm	☐ ± 2 mm
2.6	taken a plaster squeeze from the finished job	☐		
2.3	followed manufacturers' instructions for selected materials	☐		
2.8, 4.3, 4.6, 6.6, 6.7	followed current environmental and health and safety regulations	☐		
	used tools, equipment and materials in a safe manner	☐		
	used and maintained PPE as appropriate	☐		
	maintained a clean and safe working area	☐		
	cleaned and returned all tools and equipment once the task is complete	☐		

Task grading rules	Task grade:
To award a **pass**: every criteria in the checklist must be achieved to **at least** a pass standard.	
To award a **merit**: in addition to the above, all **7** essential criteria (marked with *) must be achieved to **at least** a merit standard.	
To award a **distinction**: in addition to the above, all **7** essential criteria (marked with *) must be achieved to a distinction standard and the **2** remaining non-essential criteria must be achieved to **at least** a merit standard.	

Assessor	Signature & Date

Unit 312 Applying plastering materials to detailed interiors

Task 1 Apply three-coat work to an internal curved background

Task coversheet

Expected time	16 hours
Task instructions	Instructions to learner: In this task you will… • Refer to the drawings and specifications provided • Complete a risk assessment • Complete a resource checklist • Prepare background • Apply three-coat work to internal curved background • Maintain a clean work area • Work safely at all times
Diagrams	See page 38

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
2.1, 2.2, 2.3, 4.2	referred to any drawings, specifications and manufacturer's instructions, and confirmed understanding of the task	☐		
2.5	correctly answered oral question on reporting discrepancies in drawings, specifications and schedules	☐		
6.1	completed a *Risk Assessment* prior to commencing practical activity	☐		
1.4, 2.4, 4.1, 4.3	completed a *Resource Checklist*	☐		
6.3, 8.3	ensured background has sufficient key and suction has been treated and controlled	☐		
6.6, 6.7	mixed and applied scratch coat to curved surface and formed a mechanical key	☐		
6.2	**set out curved surface to correct radius when forming bottom screed:**			
	at centre line dot	☐ ± 3 mm	☐ ± 2 mm	☐ ± 1 mm
	at left bead/hard angle	☐ ± 3 mm	☐ ± 2 mm	☐ ± 1 mm
	at right bead/hard angle	☐ ± 3 mm	☐ ± 2 mm	☐ ± 1 mm

AC	The candidate has	Pass	Merit	Distinction
6.5, 6.8	set out radius marking the curve line to form return ends using either: ☐ pre-formed beads or ☐ hard angles	☐		
6.6, 6.7	**mixed and applied floating coat:**			
	to form bottom screed, top screed and filled in between screeds at centre line with adequate key	☐ plumb ± 3 mm	☐ plumb ± 2 mm	☐ plumb ± 1 mm
	to form bottom screed, top screed and filled in between screeds 200 mm from left side	☐ plumb ± 3 mm	☐ plumb ± 2 mm	☐ plumb ± 1 mm
	to form bottom screed, top screed and filled in between screeds 200 mm from right side	☐ plumb ± 3 mm	☐ plumb ± 2 mm	☐ plumb ± 1 mm
	mixed and applied two layers of setting plaster to finish curved surface with minimal or no defects	☐ no more than 4 minor defects	☐ no more than 2 minor defects	☐ no defects
6.9	used correct access equipment for work	☐		
2.6, 4.4, 6.10	followed current environmental and health and safety regulations	☐		
	used tools, equipment and materials in a safe manner	☐		
	used and maintained PPE as appropriate	☐		
	maintained a clean and safe working area	☐		
	cleaned and returned all tools and equipment once the task is complete	☐		

Task grading rules	Task grade:
To award a **pass**: every criteria in the checklist must be successfully achieved.	
To award a **merit**: in addition to the above, all **7** graded criteria in the checklist must be achieved to a merit standard.	
To award a **distinction**: in addition to the above, all **7** graded criteria in the checklist must be achieved to a distinction standard.	
Assessor	Signature & Date

Unit 312 Applying plastering materials to detailed interiors
Task 2 Fix EML and apply three-coat work to an internal pier and beam

Task coversheet

Expected time	12 hours
Task instructions	Instructions to learner: In this task you will… • Refer to the drawings and specifications provided • Complete a risk assessment • Complete a resource checklist • Fix EML to prepared backgrounds • Apply three-coat work to an internal pier and beam • Maintain a clean work area • Work safely at all times
Diagrams	See page 39

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
2.1, 2.2, 2.3, 4.2	referred to any drawings, specifications and manufacturer's instructions, and confirmed understanding of the task	☐		
8.1	completed a *Risk Assessment* prior to commencing practical activity	☐		
1.4, 2.4, 4.1, 4.3	completed a *Resource Checklist*	☐		
8.2	set out pier and beam to correct margins	☐		
6.4, 8.4	**measured, cut and installed expanded metal lath (EML) with:**			
	sufficient tension	☐		
	correct overlap	☐		
	correct amount of fixings	☐		
8.5, 8.6, 8.7, 8.8	mixed plastering materials and applied pricking up coat ensuring 100% coverage and provided an adequate key	☐		
	formed external angles with no steps or overlaps using either ☐ pre-formed beads or ☐ hard angles	☐		

AC	The candidate has	Pass	Merit	Distinction
8.5, 8.6, 8.7, 8.8	mixed plastering materials and applied floating coat with adequate key, and cut back at internal and external angles	☐		
	ensured both soffit external angles are level	☐ ± 4 mm	☐ ± 3 mm	☐ ± 2 mm
	ensured both soffit external angles have equal margins	☐ ± 4 mm	☐ ± 3 mm	☐ ± 2 mm
	ensured both pier external angles are plumb	☐ ± 4 mm	☐ ± 3 mm	☐ ± 2 mm
	ensured both pier external angles have equal margins	☐ ± 4 mm	☐ ± 3 mm	☐ ± 2 mm
	mixed plastering materials and applied finish coat to pier and beam, ensuring all angles are clean and sharp and minimised defects	☐ no more than 2 minor defects	☐ no more than 1 minor defects	☐ no defects
8.9	used correct access equipment for work	☐		
2.6, 4.4, 8.10	followed current environmental and health and safety regulations	☐		
	used tools, equipment and materials in a safe manner	☐		
	used and maintained PPE as appropriate	☐		
	maintained a clean and safe working area	☐		
	cleaned and returned all tools and equipment once the task is complete	☐		

Task grading rules	**Task grade:**
To award a **pass**: every criteria in the checklist must be successfully achieved.	
To award a **merit**: in addition to the above, all **5** graded criteria in the checklist must be achieved to a merit standard.	
To award a **distinction**: in addition to the above, all **5** graded criteria in the checklist must be achieved to a distinction standard.	

Assessor	Signature & Date

Unit 313 Applying plastering materials to detailed exteriors

Task 1 Apply plastering materials to detailed exteriors

Task coversheet

Expected time	30 hours
Task instructions	Instructions to learner: In this task you will… • Refer to the drawings and specifications provided • Complete a risk assessment • Complete a resource checklist • Prepare backgrounds and apply scratch coat • Set out and form quoin stones • Set out and form bellcasts • Form plain faced plinths • Apply a dry/pebble dash finish • Apply a rough/wet dash finish • Apply a textured/scraped finish • Apply an ashlar finish • Apply a tyrolean finish • Maintain a clean work area • Work safely at all times
Diagrams	See pages 40-44

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
2.1, 2.2, 2.3	referred to any drawings, specifications and manufacturer's instructions, and confirmed understanding of the task	☐		
6.1	competed a *Risk Assessment*	☐		
1.4, 2.4, 3.11, 4.1, 4.2, 4.4	completed a *Resource Checklist*	☐		
2.5	correctly answered oral question on reporting discrepancies from drawings, specifications and schedules	☐		
4.3, 6.2, 6.3, 6.4, 6.5, 6.6	**scratch coat**			
	ensured backgrounds have sufficient key, and suction has been treated and controlled	☐		

AC	The candidate has	Pass	Merit	Distinction
4.3, 6.2, 6.3, 6.4, 6.5, 6.6	mixed scratch coat to correct ratio and consistency	☐		
	applied scratch coat evenly to backgrounds and ensured there is adequate key	☐		
	quoin blocks			
	set out quoin blocks to dimensions given in drawing	☐		
	applied material to form quoins to adequate thickness	☐		
	marked out all blocks to correct level and plumb	☐		
	* ensured plinth blocks level	☐ ± 3 mm	☐ ± 2 mm	☐ ± 1 mm
	* cut all full blocks plumb from top to bottom	☐ ± 6 mm	☐ ± 4 mm	☐ ± 2 mm
	* cut all half blocks plumb from top to bottom	☐ ± 6 mm	☐ ± 4 mm	☐ ± 2 mm
	* formed quoin blocks in plain face finish and minimised defects (float marks, minor hollows, sand on the face, rough edges and surface dryness)	☐ no more than six minor defects	☐ no more than four minor defects	☐ no more than two minor defects
	beads			
	set out external bellcast beads	☐		
	cut and securely fixed bellcast bead level from right quoin to external angle	☐ ± 3 mm	☐ ± 2 mm	☐ ± 1 mm
	cut and securely fixed bellcast beads to correct angle on external mitres	☐ correct on 3rd attempt	☐ correct on 2nd attempt	☐ correct on 1st attempt
	formed bellcast to correct shape to allow for render finishes (10 mm)	☐ correct on 3rd attempt	☐ correct on 2nd attempt	☐ correct on 1st attempt
	kept beads sharp and clean	☐		
	plinth			
	mixed external plastering materials for rendering plinth	☐		
	applied render to left plinth and formed plain face finish free from defects (float marks, minor hollows, sand on the face, scarring and surface dryness)	☐ linable to ± 3 mm over 400 mm	☐ linable to ± 2 mm over 400 mm	☐ linable to ± 1 mm over 400 mm
	applied render to right plinth and formed plain face finish free from defects (float marks, minor hollows, sand on the face, scarring and surface dryness)	☐ linable to ± 3 mm over 400 mm	☐ linable to ± 2 mm over 400 mm	☐ linable to ± 1 mm over 400 mm

AC	The candidate has	Pass	Merit	Distinction
4.3, 6.2, 6.3, 6.4, 6.5, 6.6	* applied plain faced finish to plinth forming external return sharp and plumb	☐ plumb ± 3 mm	☐ plumb ± 2 mm	☐ plumb ± 1 mm
	dry dash			
	mixed external plastering materials for butter coat	☐		
	adequately prepared dry dash	☐		
	applied butter coat evenly	☐ no more than 10% unevenly covered	☐ no more than 5% unevenly covered	☐ even coverage
	laid catchers to reuse aggregate and minimise waste	☐		
	* applied dry dash aggregate evenly for a uniform finish and minimised defects (defects to include sagging, scarring and bare patches)	☐ no more than 10% defects	☐ no more than 5% defects	☐ free from defects
	ensured external hard angle is evenly covered	☐		
	formed clean and sharp bellcast in dry dash render	☐		
	rough cast			
	mixed external plastering materials for butter coat and rough cast	☐		
	applied butter coat evenly	☐ no more than 10% unevenly covered	☐ no more than 5% unevenly covered	☐ even coverage
	ensured external hard angle is evenly formed	☐		
	* applied rough cast to butter coat to form a hard angle and an even-textured surface to one side of return	☐ no more than three minor bare patches	☐ no more than two minor bare patches	☐ no more than one minor bare spot
	formed bellcast in rough cast render finish	☐		
	adequately protected existing work and surrounding areas	☐		
	textured/scraped			
	mixed proprietary premixed render materials	☐		
	evenly applied textured/scraped render finish in accordance with manufacturer's instructions	☐		
	* evenly scraped render finish and minimised defects (scars, uneven texture, misses)	☐ no more than 10% defects	☐ no more than 5% defects	☐ free from defects

AC	The candidate has	Pass	Merit	Distinction
4.3, 6.2, 6.3, 6.4, 6.5, 6.6	evenly applied finish to the edge of the quoin blocks to form accurate recess	☐		
	ensured surface finish is evenly scraped back to edge of quoins	☐		
	ashlar			
	mixed external plastering materials for forming ashlar jointing	☐		
	* set out ashlar jointing to correct dimensions	☐ set out correctly on third attempt	☐ set out correctly on second attempt	☐ set out correctly on first attempt
	* cut out ashlar jointing between quoin blocks forming uniform joints and grooves	☐ cut out correctly on third attempt	☐ cut out correctly on second attempt	☐ cut out correctly on first attempt
	tyrolean			
	mixed external plastering materials for tyrolean	☐		
	adequately protected existing work and surrounding areas	☐		
	* applied tyrolean ensuring even coverage	☐ no more than three minor bare patches	☐ no more than two minor bare patches	☐ no more than one minor bare patches
6.7	used correct access equipment for the work	☐		
2.6, 4.5, 6.8	followed current environmental and health and safety regulations	☐		
	used tools, equipment and materials in a safe manner	☐		
	used and maintained PPE as appropriate	☐		
	maintained a clean and safe working area	☐		
	cleaned and returned all tools and equipment once the task is complete	☐		

Task grading rules	Task grade:
To award a **pass**: every criteria in the checklist must be achieved to **at least** a pass standard.	
To award a **merit**: in addition to the above, all **11** essential criteria (marked with *) must be achieved to a merit standard and **2** non-essential criteria must be achieved to a merit standard.	
To award a **distinction**: in addition to the above, all **11** essential criteria (marked with *) must be achieved to a distinction standard, **2** non-essential criteria must be achieved to a distinction standard, and the remaining **5** non-essential criteria must be achieved to a merit standard.	

Assessor	Signature & Date

Unit 314 Producing reverse moulds for detailed fibrous plaster and cement casting

Task 1 Produce a model of a corbel/truss

Task coversheet

Expected time	16 hours
Task instructions	Instructions to learner: In this task you will… • Refer to the drawings provided • Complete a risk assessment • Complete a resource checklist • Produce a model containing a fluted detail • Maintain a clean work area • Work safely at all times
Diagrams	See pages 45-49

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
2.1, 2.2, 2.3	referred to any drawings, specifications and manufacturer's instructions, and confirmed understanding of the task	☐		
6.1	completed a *Risk Assessment*	☐		
1.4, 2.4, 4.1, 4.2, 4.3	completed a *Resource Checklist*	☐		
2.5, 4.4	correctly answered oral question on reporting discrepancies from drawings, specifications and schedules	☐		
6.2, 6.3	cast plain face slab to correct dimensions with a clean and smooth surface, minimising defects (small blemishes, grease lines, brush marks, scars)	☐ no more than 4 minor defects	☐ no more than 3 minor defects	☐ no more than 2 minor defects
	marked out and cut truss cheeks profile correctly	☐ correct on 3rd attempt	☐ correct on 2nd attempt	☐ correct on 1st attempt
	fixed base and back board securely to 90° angle	☐		
	fixed truss cheeks square to base and back board	☐		
	fixed truss cheeks to correct width	☐		
	cored out between truss cheeks	☐		

AC	The candidate has	Pass	Merit	Distinction
6.2, 6.3	marked out, cut and filed thumb mould correctly	☐ correct on 3rd attempt	☐ correct on 2nd attempt	☐ correct on 1st attempt
	fixed template to stock	☐		
	run fluted detail	☐		
	formed rounded detail to top flutes	☐ no flutes more than 2 mm out of line	☐ no flutes more than 1 mm out of line	☐ all flutes lined
	formed rounded detail to bottom flutes	☐ no flutes more than 2 mm out of line	☐ no flutes more than 1 mm out of line	☐ all flutes lined
	cut and filed small cove template	☐ correct on 3rd attempt	☐ correct on 2nd attempt	☐ correct on 1st attempt
	constructed small cove running mould	☐		
	run off small cove	☐		
	cut external left mitres	☐		
	cut external right mitres	☐		
	fixed all mouldings correctly	☐		
	stopped in all joints to sharp detail, including mitres and perimeter joints	☐		
2.6, 4.5, 6.7	followed current environmental and health and safety regulations	☐		
	used tools, equipment and materials in a safe manner	☐		
	used and maintained PPE as appropriate	☐		
	maintained a clean and safe working area	☐		
	cleaned and returned all tools and equipment once the task is complete	☐		

Task grading rules	Task grade:
To award a **pass**: every criteria in the checklist must be successfully achieved.	
To award a **merit**: in addition to the above, all **6** graded criteria in the checklist must be achieved to **at least** a merit standard.	
To award a **distinction**: in addition to the above, all **6** graded criteria in the checklist must be achieved to a distinction standard.	

Assessor	Signature & Date

Unit 314 Producing reverse moulds for detailed fibrous plaster and cement casting

Task 2 Produce a reverse mould to cast a fluted corbel/truss

Task coversheet

Expected time	12 hours
Task instructions	Instructions to learner: In this task you will… • Complete a risk assessment • Complete a resource checklist • Produce a plaster loose piece mould **or** a case mould to produce a cast of a fluted corbel/truss • Maintain a clean work area • Work safely at all times

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
2.1, 2.2, 2.3	referred to any drawings, specifications and manufacturer's instructions, and confirmed understanding of the task	☐		
6.1	completed a *Risk Assessment*	☐		
1.4, 2.4, 4.1, 4.2, 4.3	completed a *Resource Checklist*	☐		
6.4, 6.5, 6.6	**☐ Plaster loose piece mould method**			
	ensured adequate splay on loose pieces	☐		
	produced and reinforced case to receive three loose pieces	☐		
	loose piece mould correctly removed from model	☐		
	☐Case mould method			
	applied clay to correct thickness and ensured sufficient draw to clay cheeks to prevent undercut	☐		
	formed clay perimeter lip to ensure correct location of rubber	☐		
	drilled air holes and funnel holes in correct locations	☐		
	ensured no leakages from case during pour	☐		
	repositioned rubber back into case ensuring correct position	☐		

AC	The candidate has	Pass	Merit	Distinction
2.6, 4.5, 6.7	followed current environmental and health and safety regulations	☐		
	used tools, equipment and materials in a safe manner	☐		
	used and maintained PPE as appropriate	☐		
	maintained a clean and safe working area	☐		
	cleaned and returned all tools and equipment once the task is complete	☐		

Task grading rules		Task grade:
To award a **pass**: every criteria in the checklist (using either the plaster loose piece method or the case mould method) must be successfully achieved.		
There are no merit criteria for this task.		
There are no distinction criteria for this task.		
Assessor	Signature & Date	

Unit 315 Producing and fixing detailed fibrous plaster and cement casts

Task 1 Produce model, produce reverse mould and cast cornice

Task coversheet

Expected time	12 hours
Task instructions	Instructions to learner: In this task you will… • Refer to the drawings provided • Complete a risk assessment • Complete a resource checklist • Cut and run reverse mould • Cut and run dentil block enrichment • Prepare and cast cornice • Maintain a clean work area • Work safely at all times
Diagrams	See page 50

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
2.1, 2.2, 2.3	referred to any drawings, specifications and manufacturer's instructions, and confirmed understanding of the task	☐		
6.1	completed a *Risk Assessment*	☐		
1.4, 2.4, 4.1, 4.2, 4.3	completed a *Resource Checklist*	☐		
2.5, 4.4	correctly answered oral question on reporting discrepancies from drawings, specifications and schedules	☐		
6.2, 6.3, 6.4, 6.5, 6.6	**Cornice reverse mould**			
	* cut and filed template for cornice to specification, without nicks or file marks	☐ correct on 3rd attempt	☐ correct on 2nd attempt	☐ correct on 1st attempt
	constructed a running mould accurately	☐ on 3rd attempt	☐ on 2nd attempt	☐ on 1st attempt
	correctly secured zinc template for cornice	☐		
	ensured template for cornice runs flush with bench	☐		

AC	The candidate has	Pass	Merit	Distinction
6.2, 6.3, 6.4, 6.5, 6.6	made running mould muffle correctly (for the main profile)	☐ correct on 3rd attempt	☐ correct on 2nd attempt	☐ correct on 1st attempt
	produced a core	☐		
	* run to finished template and minimised defects (chatter marks, no gathering on, members not sharp, pinholes)	☐ 90% without defects	☐ 95% without defects	☐ 100% without defects
	cut reverse mould square	☐		
	cut reverse mould to required length	☐		
	prepared reverse mould for casting	☐		
	Dentil block			
	* cut and filed template for dentil block to required dimensions, without nicks or file marks	☐ correct on 3rd attempt	☐ correct on 2nd attempt	☐ correct on 1st attempt
	* constructed running mould for dentil block ensuring stock square to slipper	☐ correct on 3rd attempt	☐ correct on 2nd attempt	☐ correct on 1st attempt
	correctly secured zinc template for dentil block	☐		
	* ensured template for dentil block runs flush with bench	☐ correct on 3rd attempt	☐ correct on 2nd attempt	☐ correct on 1st attempt
	run to finished template and minimised defects (chatter marks, no gathering on, members not sharp, pinholes)	☐ 90% without defects	☐ 95% without defects	☐ 100% without defects
	Cornice			
	cut reinforcement materials	☐		
	used appropriate retarders if required	☐		
	applied materials and positioned reinforcement to produce cast to correct size	☐		
	positioned casts for drying and storage	☐		
2.6, 4.5, 6.7	followed current environmental and health and safety regulations	☐		
	used tools, equipment and materials in a safe manner	☐		
	used and maintained PPE as appropriate	☐		
	maintained a clean and safe working area	☐		
	cleaned and returned all tools and equipment once the task is complete	☐		

Task grading rules	Task grade:
To award a **pass**: every criteria in the checklist must be achieved to **at least** a pass standard.	
To award a **merit**: in addition to the above, all **5** essential criteria (marked with *) must be achieved to a merit standard and **1** non-essential criteria must be achieved to a merit standard.	
To award a **distinction**: in addition to the above, all **5** essential criteria (marked with *) must be achieved to a distinction standard, **1** non-essential criteria must be achieved to a distinction standard, and the remaining **2** non-essential criteria must be achieved to a merit standard.	

Assessor	Signature & Date

Unit 315 Producing and fixing detailed fibrous plaster and cement casts

Task 2 Fix enriched cornice

Task coversheet

Expected time	12 hours
Task instructions	Instructions to learner: In this task you will… • Refer to the drawings provided • Complete a risk assessment • Complete a resource checklist • Set out for fixing • Measure and cut cornice • Measure and cut mitres • Fix cornice and stop end • Balance, set out and fix dentil blocks in-situ • Maintain a clean work area • Work safely at all times
Diagrams	See pages 51-52

Observation checklist

No.	Criteria	Pass	Merit	Distinction
2.1, 2.2, 2.3	referred to any drawings, specifications and manufacturer's instructions, and confirmed understanding of the task	☐		
8.1	completed a *Risk Assessment*	☐		
1.4, 2.4, 4.1, 4.2, 4.3, 8.2, 8.3	completed a *Resource Checklist*	☐		
8.4	positioned and secured fibrous casts	☐		
8.5	formed cornice mitres, returns and stop ends; wall line and ceiling line stopped in; minimised defects (steps, members not sharp)	☐ 90% without defects	☐ 95% without defects	☐ 100% without defects
	left stop end cut, fitted and returned square to specified length	☐ ± 6 mm	☐ ± 4 mm	☐ ± 2 mm
	right stop end cut, fitted and returned square to specified length	☐ ± 6 mm	☐ ± 4 mm	☐ ± 2 mm
	cut dentil blocks square and finished smooth	☐ 90% of blocks	☐ 95% of blocks	☐ 100% of blocks

No.	Criteria	Pass	Merit	Distinction
8.5	ensured blocks bedded, evenly spaced and balanced	☐ 90% of blocks	☐ 95% of blocks	☐ 100% of blocks
8.6	used correct access equipment for work	☐		
2.6, 4.5, 8.7	followed current environmental and health and safety regulations	☐		
	used tools, equipment and materials in a safe manner	☐		
	used and maintained PPE as appropriate	☐		
	maintained a clean and safe working area	☐		
	cleaned and returned all tools and equipment once the task is complete	☐		

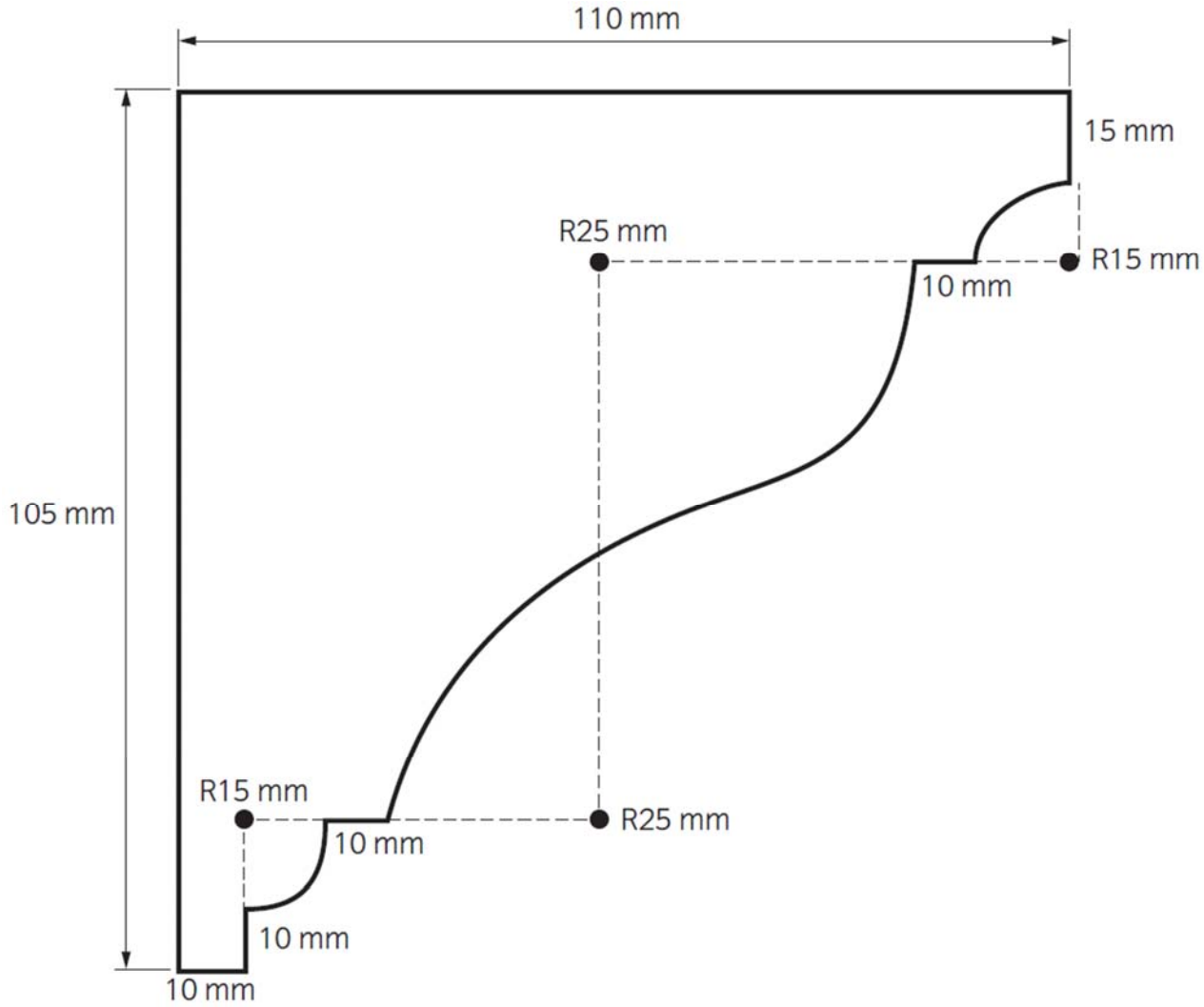
Task grading rules	Task grade:
To award a **pass**: every criteria in the checklist must be successfully achieved.	
To award a **merit**: in addition to the above, all **5** graded criteria in the checklist must be achieved to **at least** a merit standard.	
To award a **distinction**: in addition to the above, all **5** graded criteria in the checklist must be achieved to a distinction standard.	

Assessor	Signature & Date

Unit 311 Running in-situ moulds

Task 1 Run an in-situ cornice on a curved background (solid route)

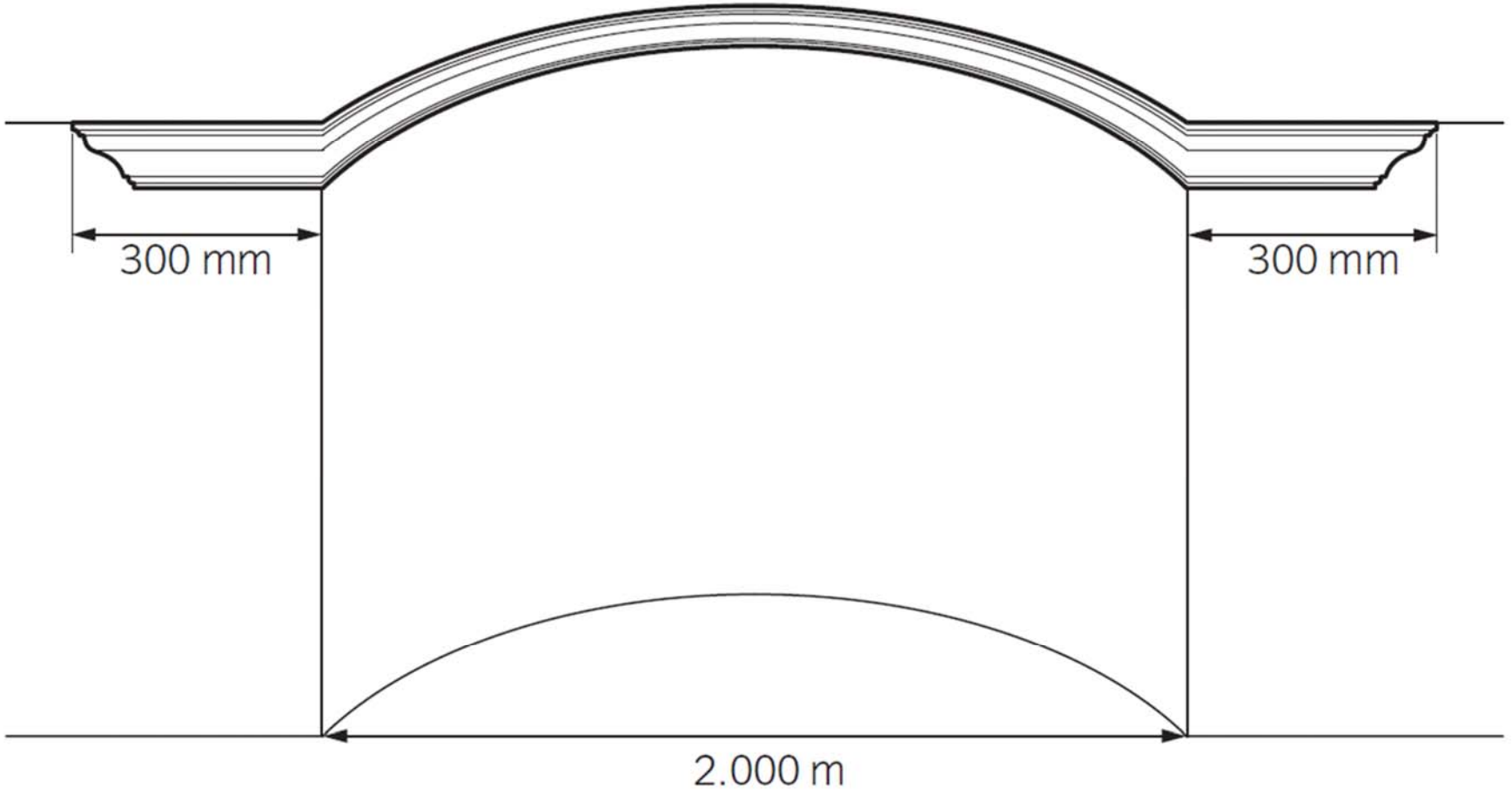
Figure 1: Cornice profile



Unit 311 Running in-situ moulds

Task 1 Run an in-situ cornice on a curved background (solid route)

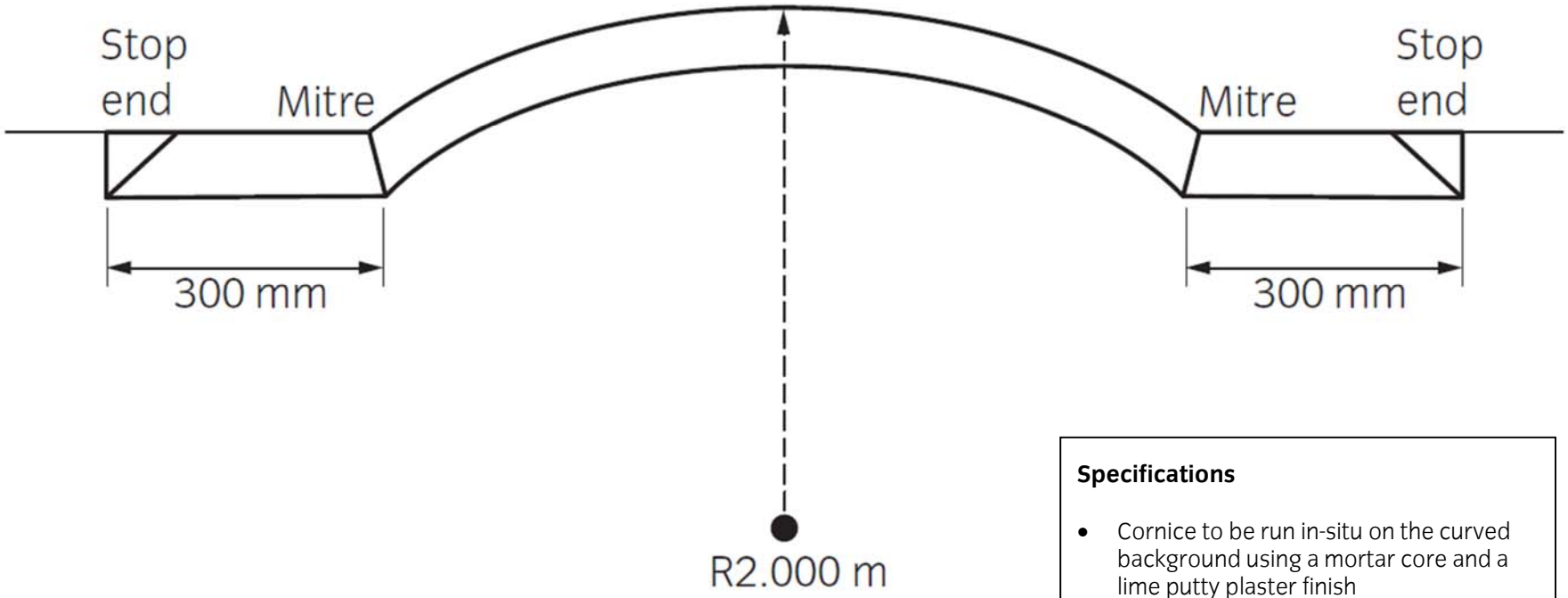
Figure 2: Front elevation



Unit 311 Running in-situ moulds

Task 1 Run an in-situ cornice on a curved background (solid route)

Figure 3: Plan view and specifications



Specifications

- Cornice to be run in-situ on the curved background using a mortar core and a lime putty plaster finish
- Mortar core ratio - 2:1 (lime mortar: casting plaster)
- Finished run ratio – 1:1 (lime putty: casting plaster)
- Short breaks to be run in casting plaster

Unit 311 Running in-situ moulds

Task 2 Run an in-situ mould on a flat background (fibrous route)

Figure 1: Moulding profile with weathering

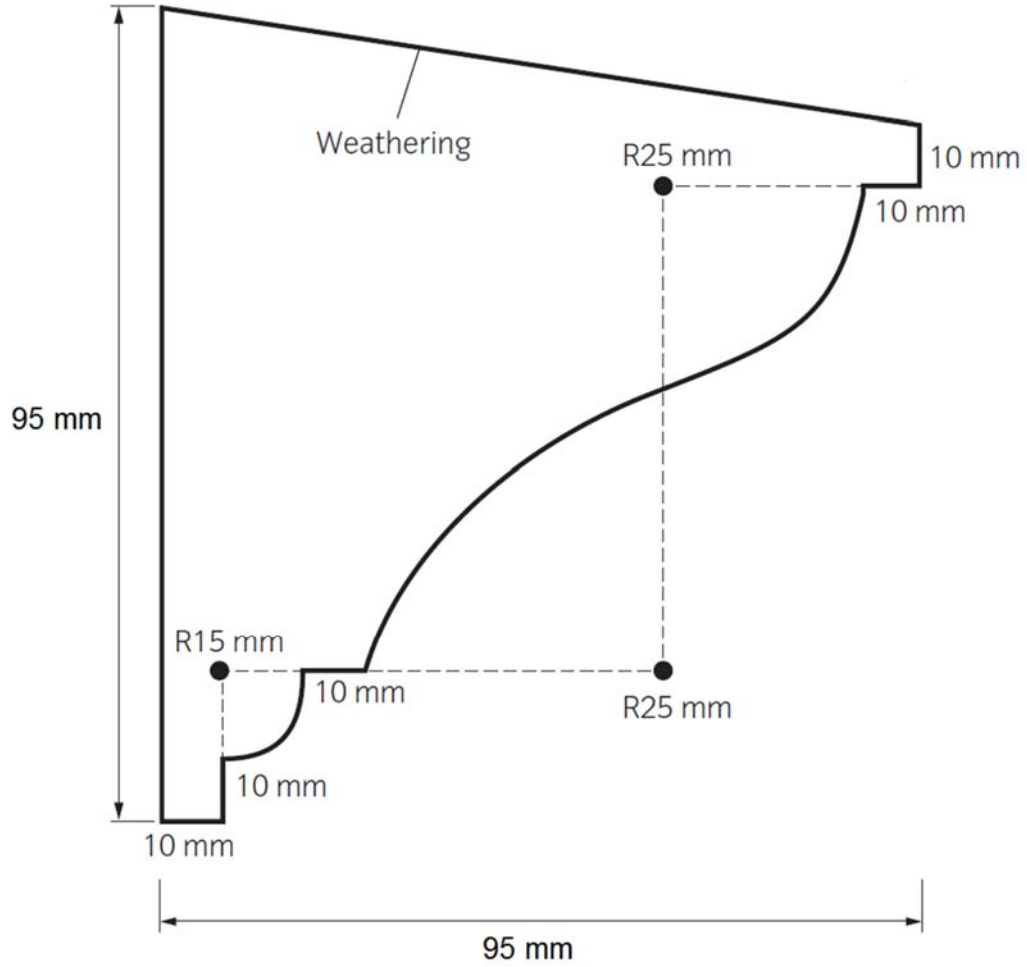
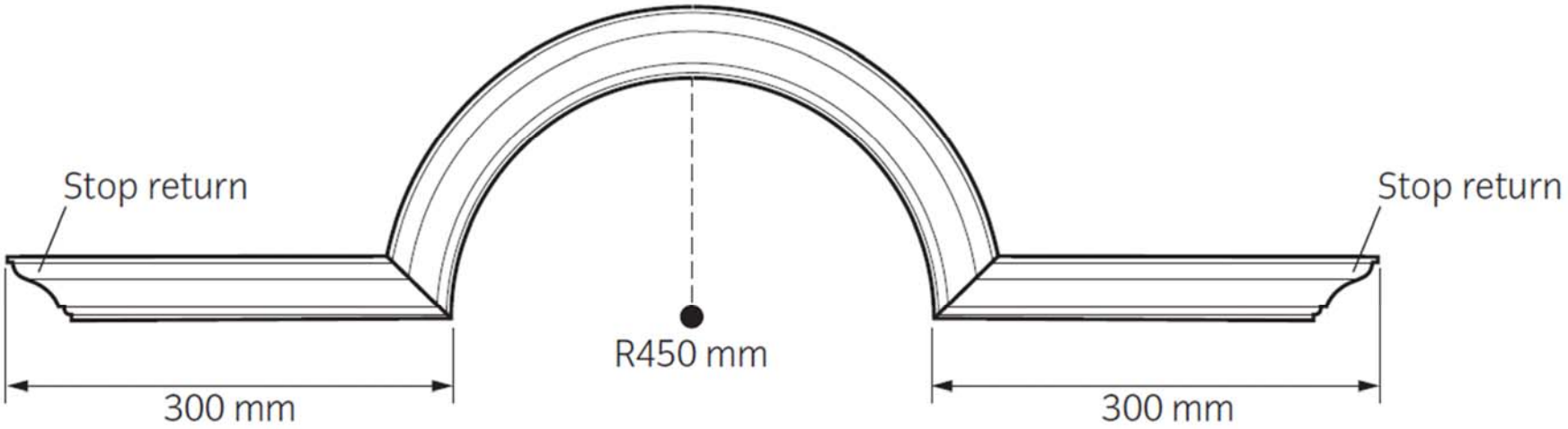


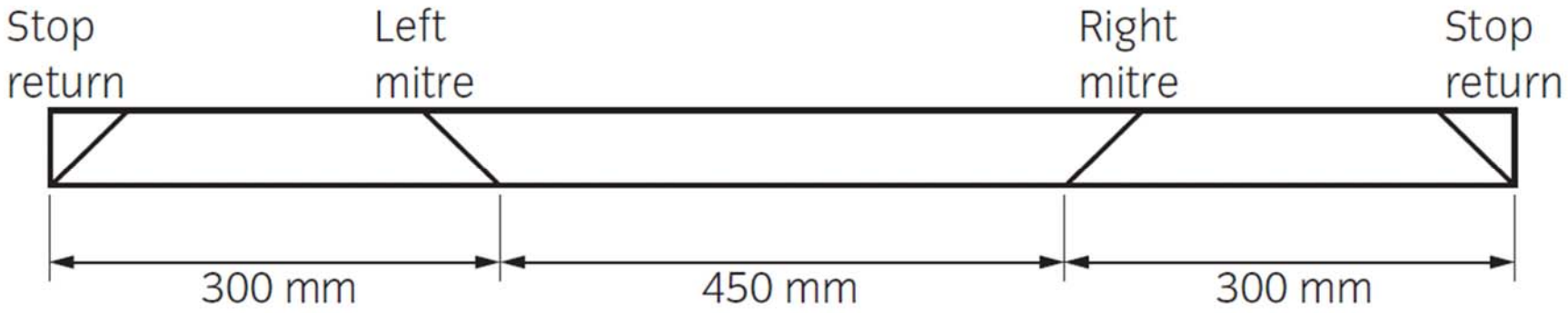
Figure 2: Front elevation



Unit 311 Running in-situ moulds

Task 2 Run an in-situ mould on a flat background (fibrous route)

Figure 3: Plan view and specifications



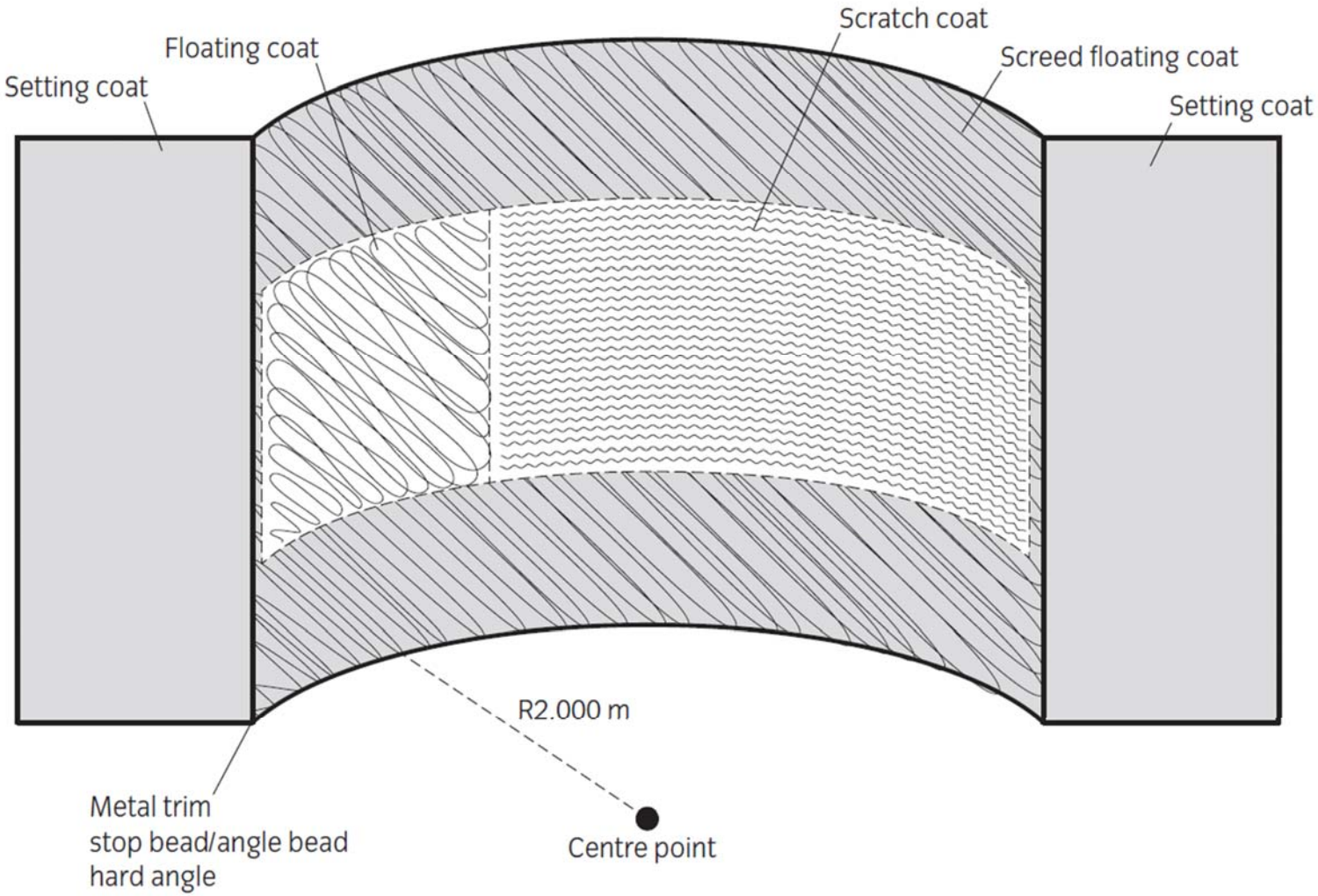
Specifications

- Mould to be run in-situ on the flat background using a mortar core and a lime putty plaster finish
- Mortar core ratio - 2:1 (lime mortar: casting plaster)
- Finished run ratio – 1:1 (lime putty: casting plaster)
- Short breaks to be run in casting plaster

Unit 312 Applying plastering materials to detailed interiors

Task 1 Apply three-coat work to an internal curved background

Figure 1: Curved background and specifications

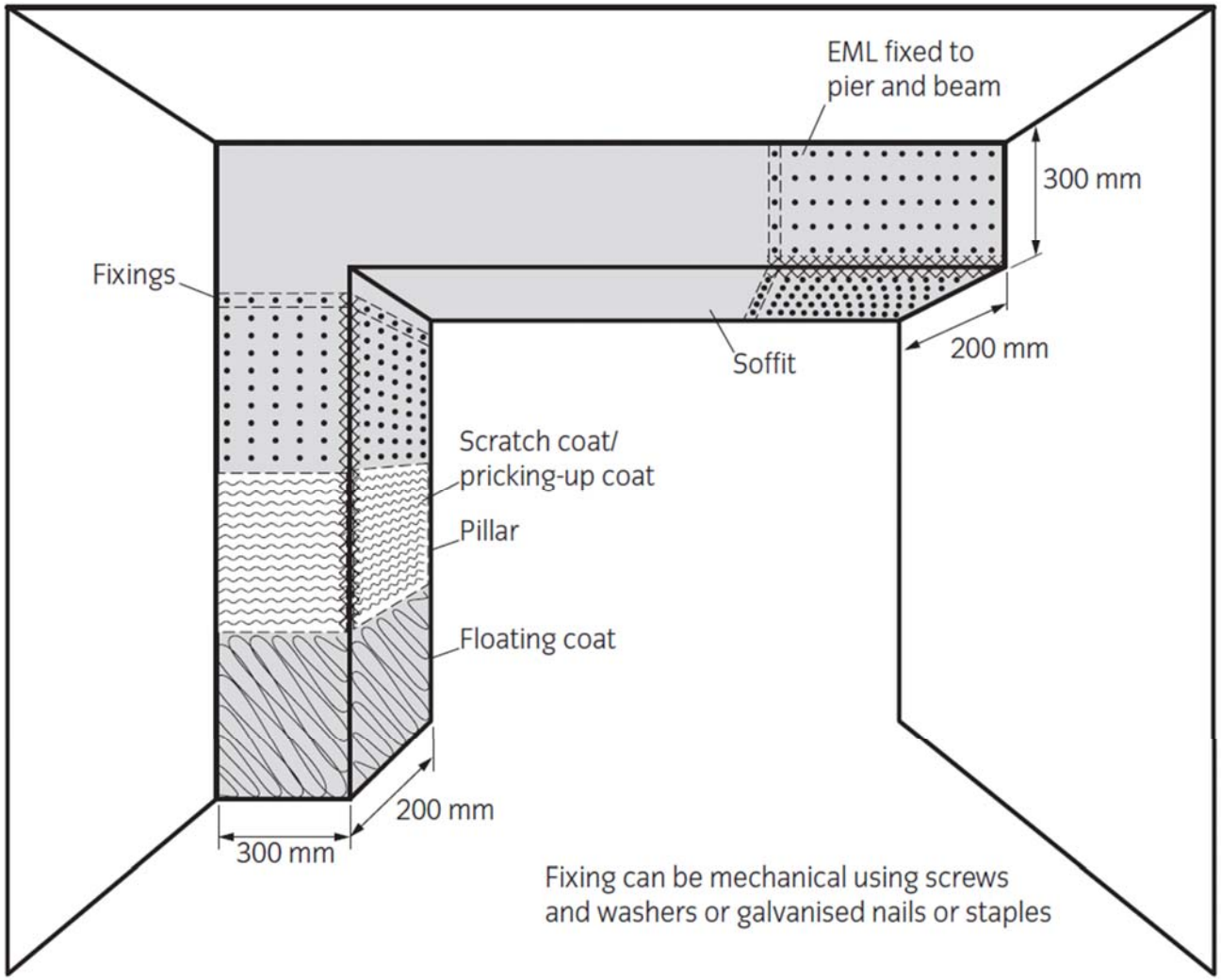


Specifications

- Bonding grade plaster or traditional materials to be used for scratch and floating coats
- Setting coat to be gypsum finishing plaster
- Appropriate beads and trims

Unit 312 Applying plastering materials to detailed interiors
Task 2 Fix EML and apply three-coat work to an internal pier and beam

Figure 1: Pier, beam and specifications



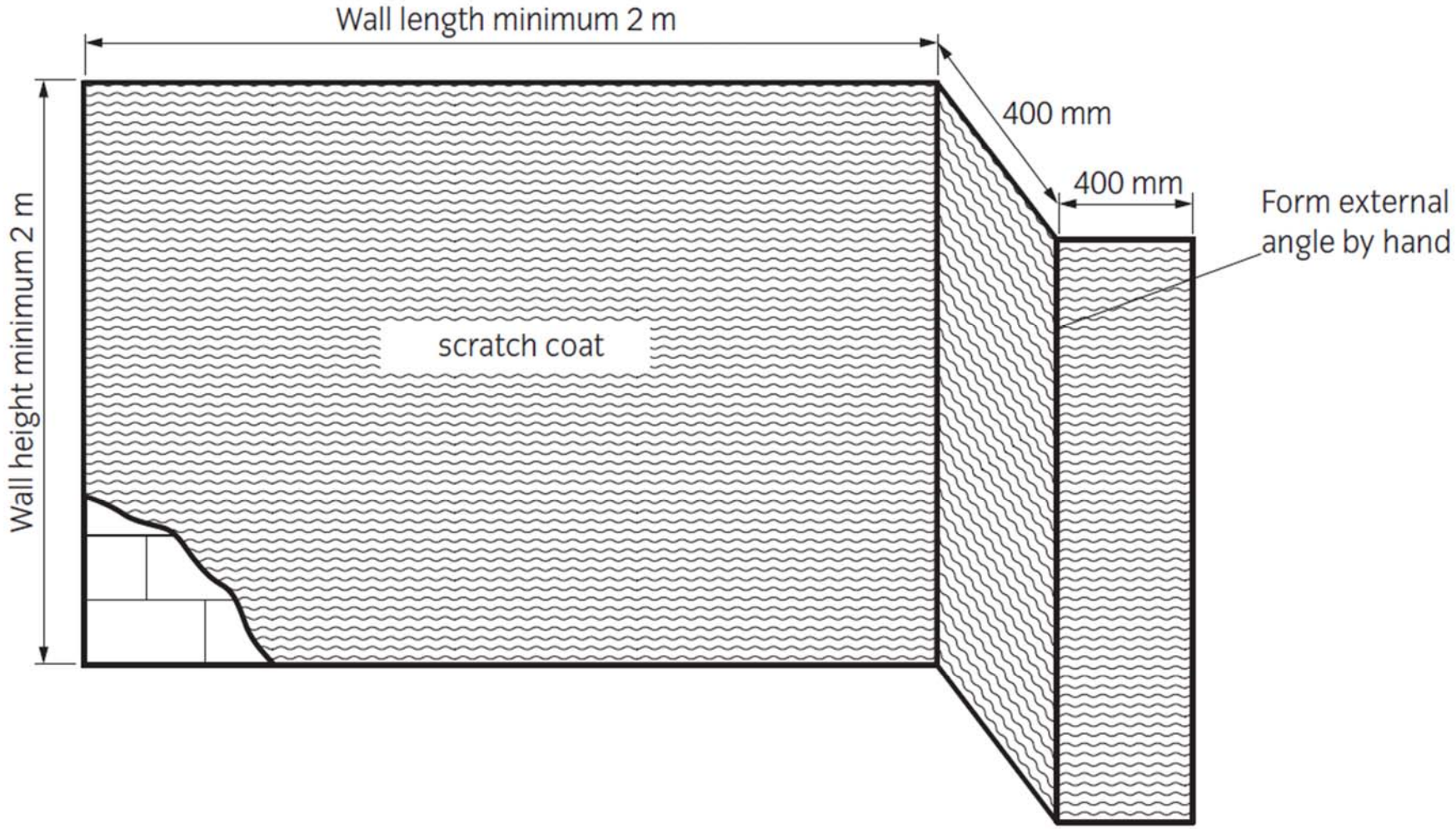
Specifications

- Appropriate EML and fixings
- Bonding grade plaster or traditional materials to be used for pricking up and floating coat
- Setting coat to be gypsum finishing plaster
- Standard angle beads

Unit 313 Applying plastering materials to detailed exteriors

Task 1 Apply plastering materials to detailed exteriors

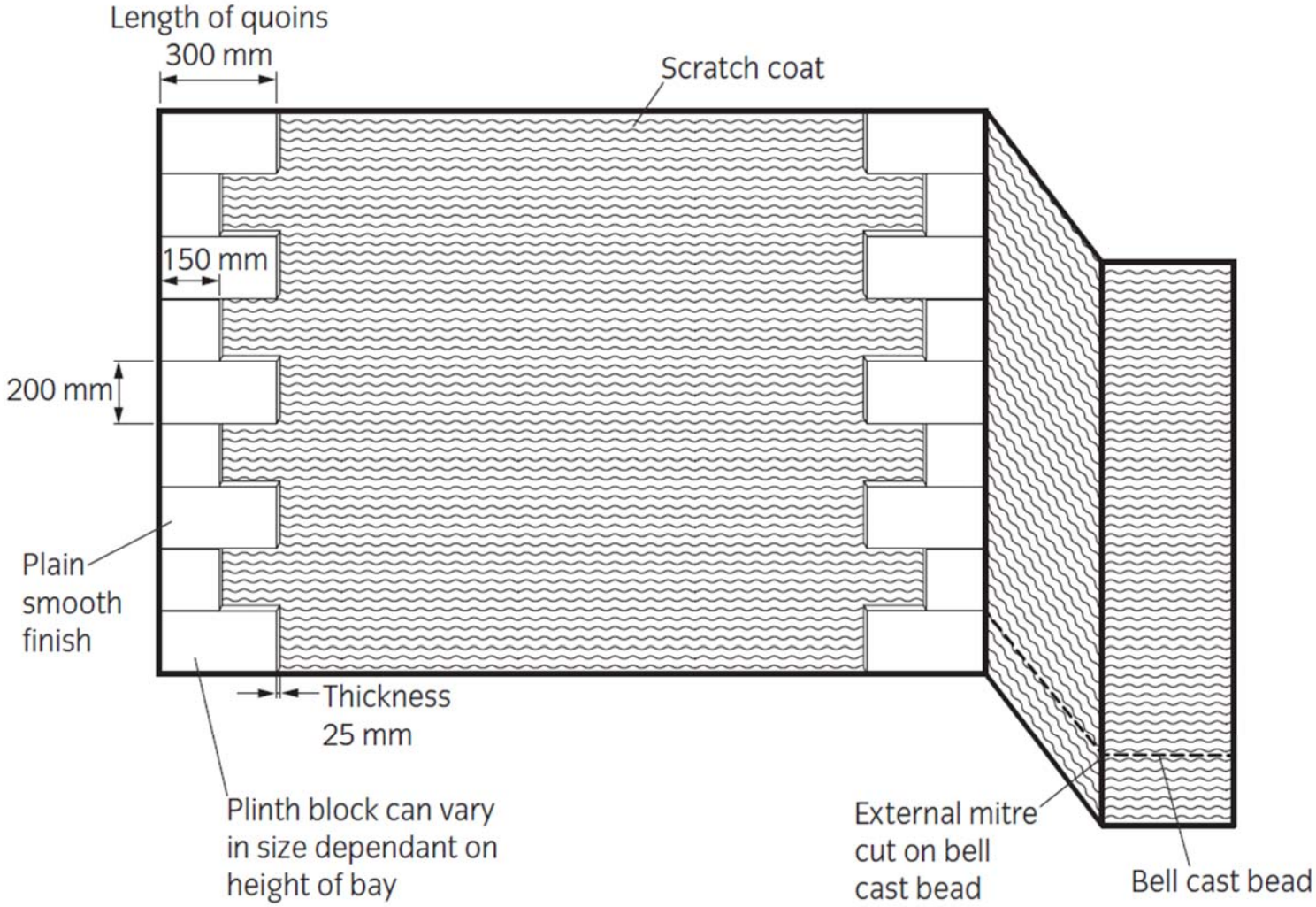
Figure 1



Unit 313 Applying plastering materials to detailed exteriors

Task 1 Apply plastering materials to detailed exteriors

Figure 2



Unit 313 Applying plastering materials to detailed exteriors

Task 1 Apply plastering materials to detailed exteriors

Figure 3

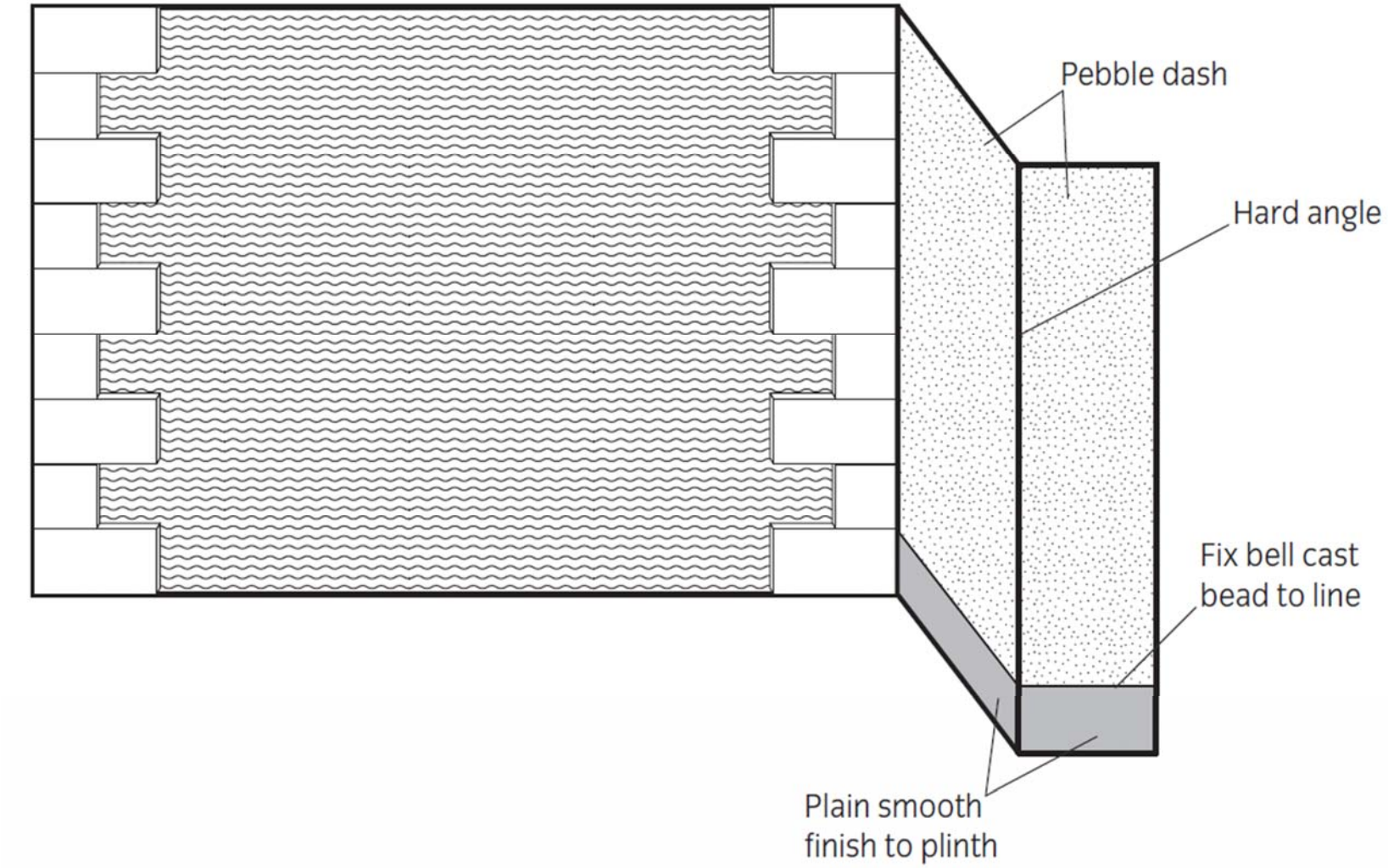
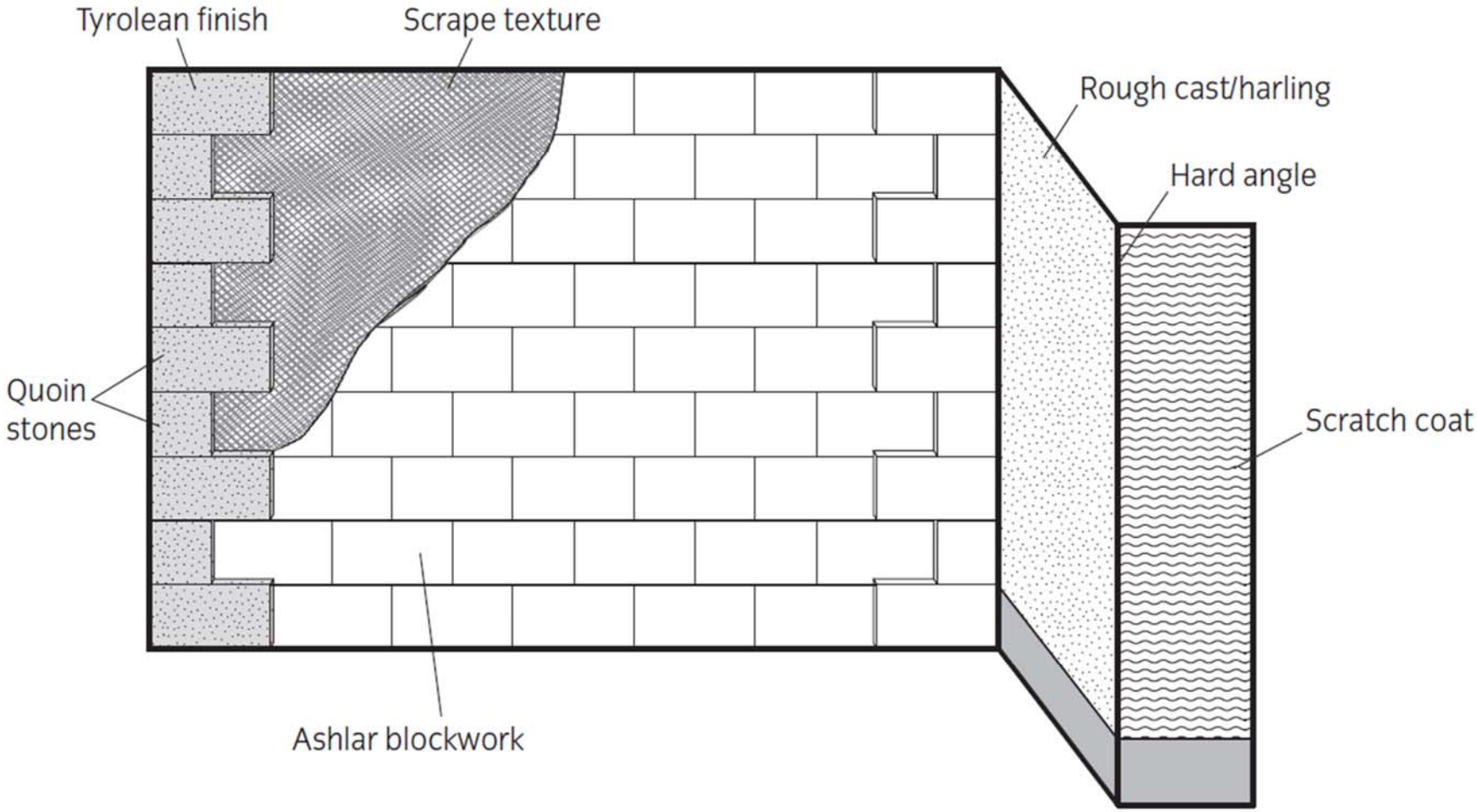


Figure 4


Tyrolean finish
Scrape texture
Rough cast/harling
Hard angle
Quoin stones
Scratch coat
Ashlar blockwork

Unit 313 Applying plastering materials to detailed exteriors

Task 1 Apply plastering materials to detailed exteriors

Specifications

Scratch coat • Premixed or traditional render material • Min. thickness 10 mm • Hard angle **Quoin blocks** • Premixed or traditional render material • 25 mm thickness (built up in two coats) **Bell cast** • To form bell cast around pillar at quoin block level **Pebbledash** • 6-8 mm buttercoat applied to return ends • 6-8 mm aggregate for finish to hard angle	**Rough cast** • 6-8 mm buttercoat applied to return ends • 6-8 mm aggregate for finish to hard angle **Ashlar** • 12 mm premixed scraped render **Tyrolean** • Traditional or premixed material **Plinth** • Smooth render in traditional or premixed material

Unit 314 Producing reverse moulds for detailed fibrous plaster and cement casting

Task 1 Produce a model of a corbel/truss

Figure 1: Plain face slab

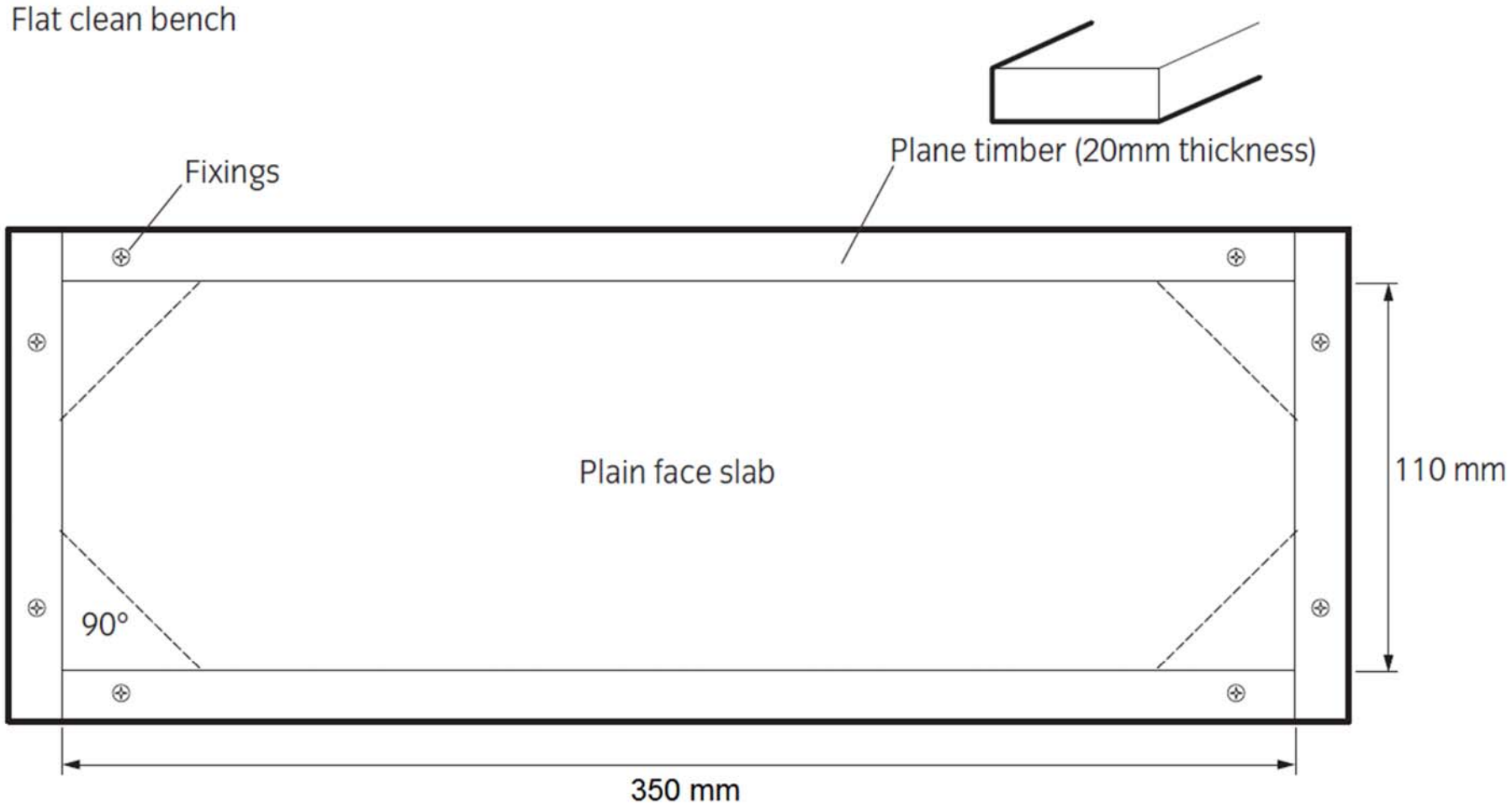
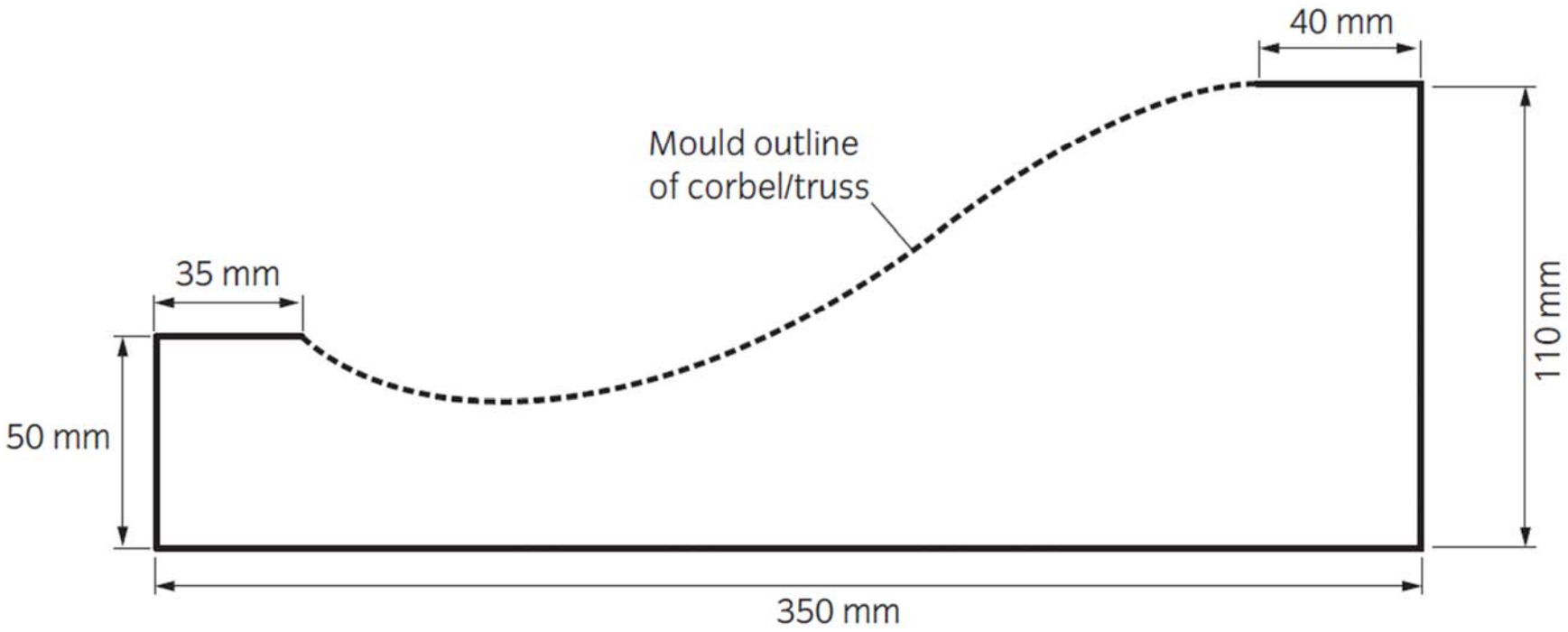


Figure 2: Template drawing of corbel/truss



Unit 314 Producing reverse moulds for detailed fibrous plaster and cement casting

Task 1 Produce a model of a corbel/truss

Figure 3: Model of corbel/truss

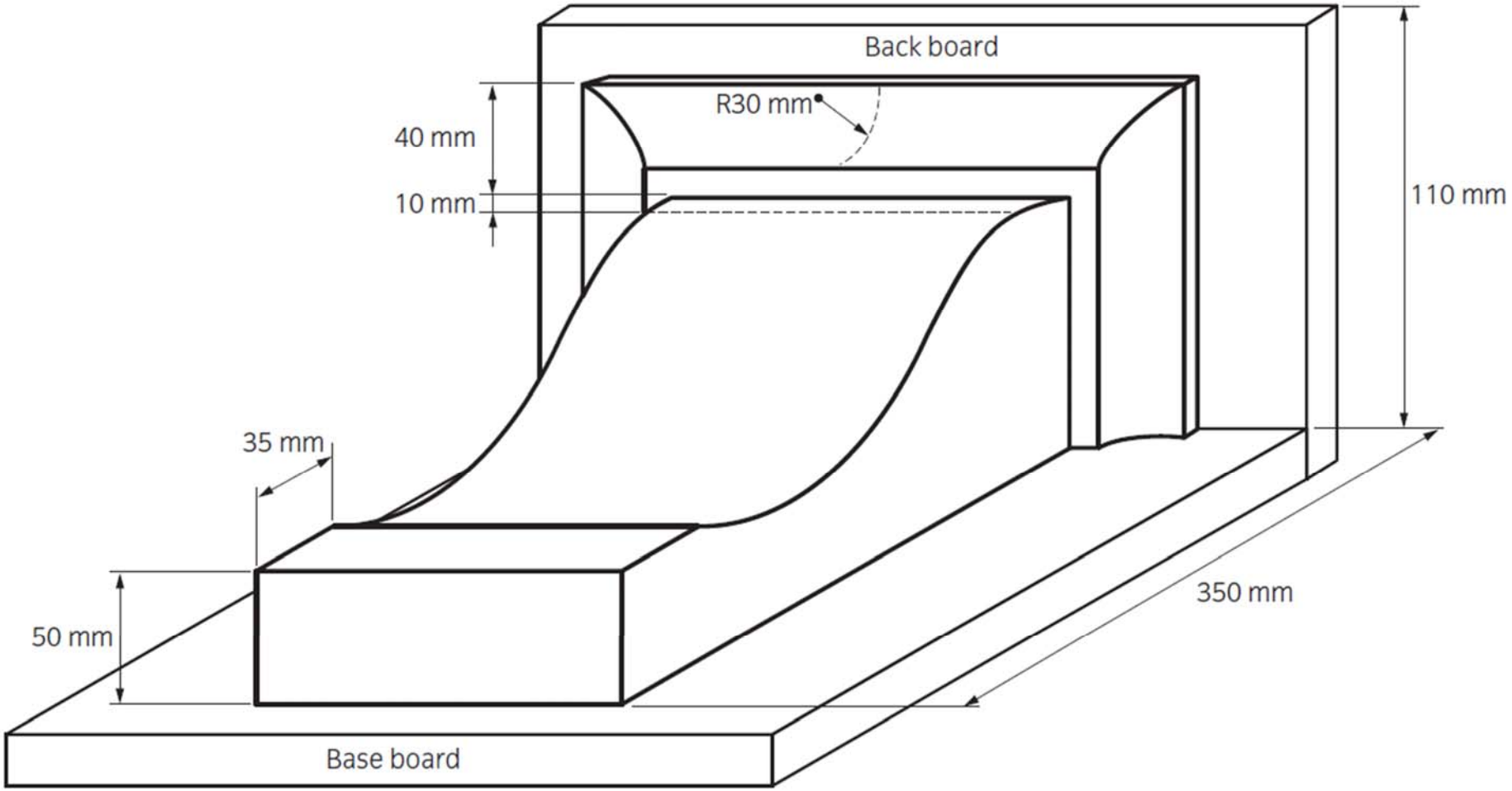
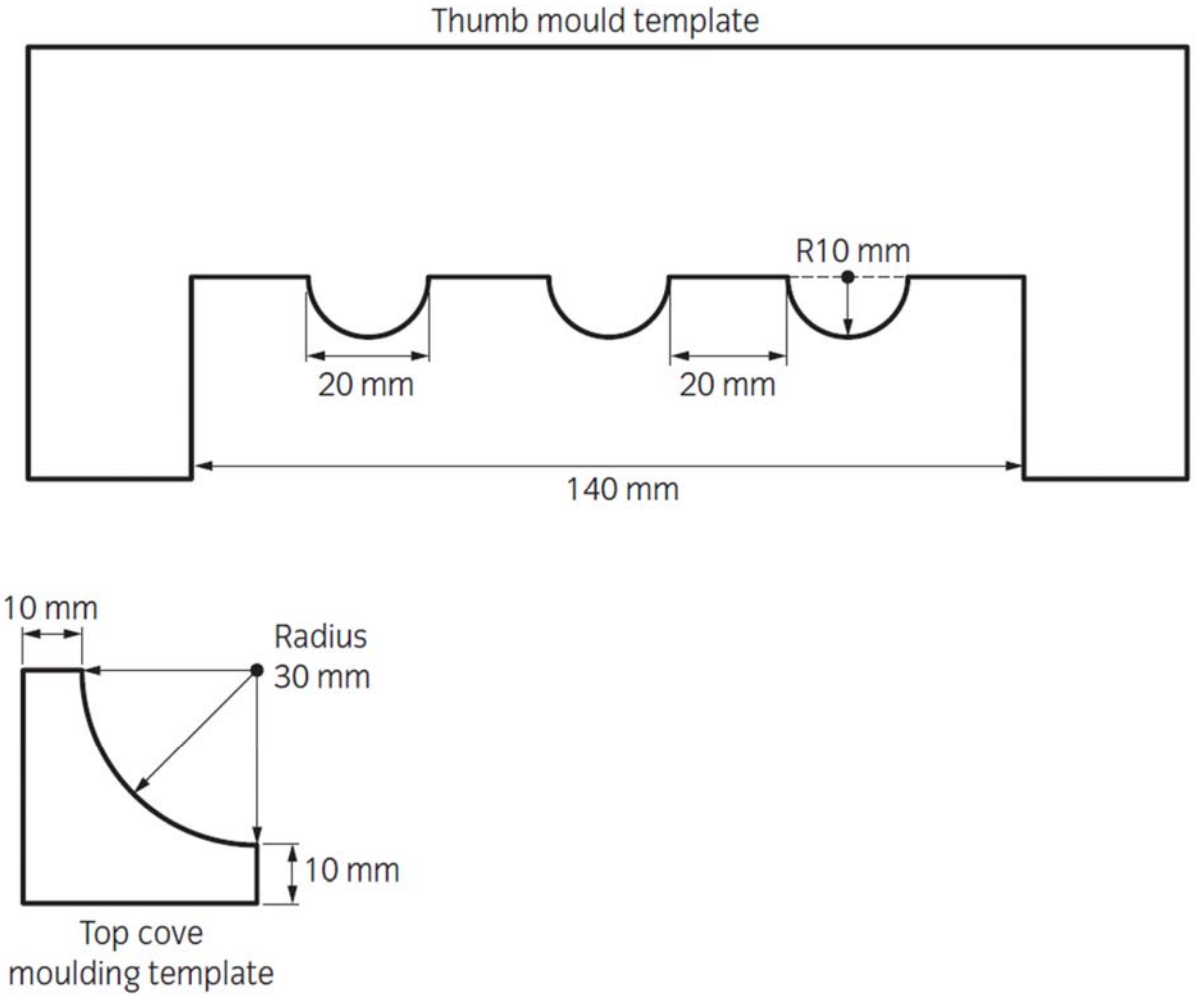


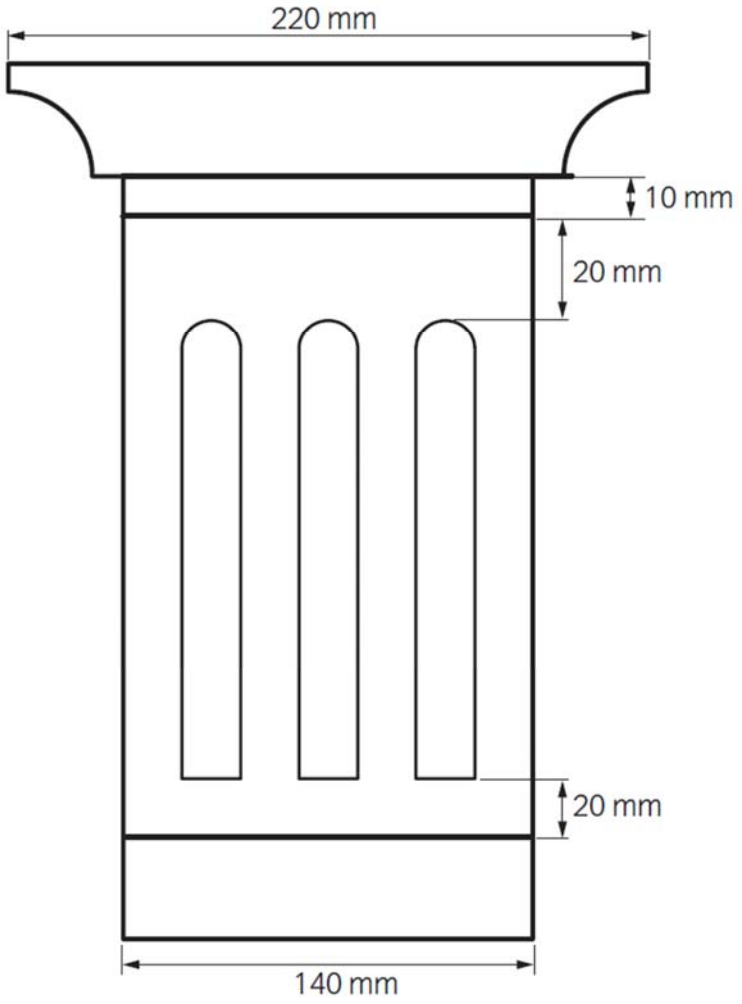
Figure 4: Thumb mould template



Unit 314 Producing reverse moulds for detailed fibrous plaster and cement casting

Task 1 Produce a model of a corbel/truss

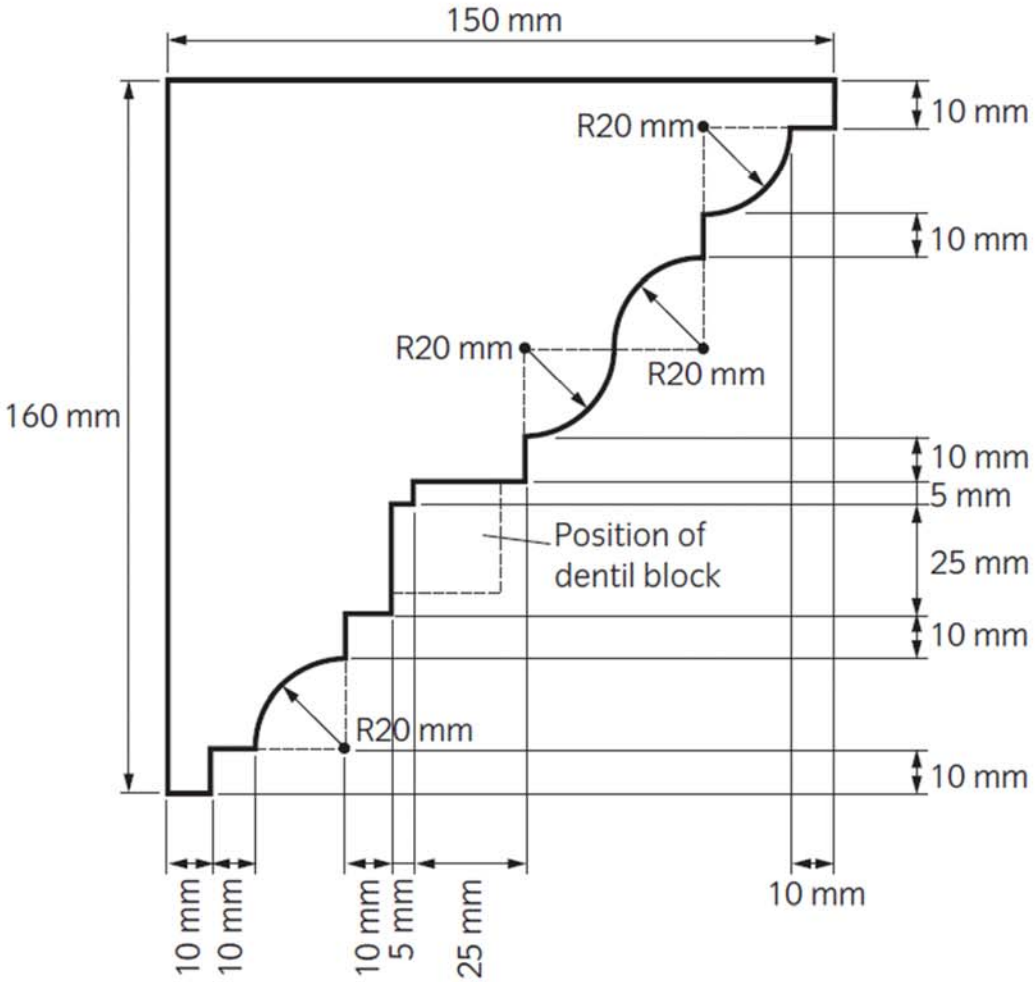
Figure 5: Fluted corbel/truss

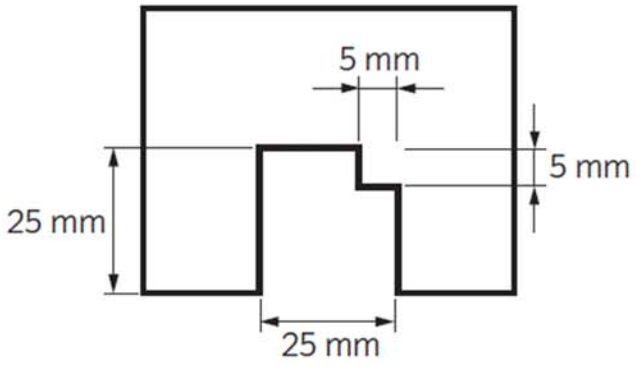


Unit 315 Producing and fixing detailed fibrous plaster and cement casts

Task 1 Produce model, produce reverse mould and cast cornice

Figure 1: Cornice profile and dentil block template

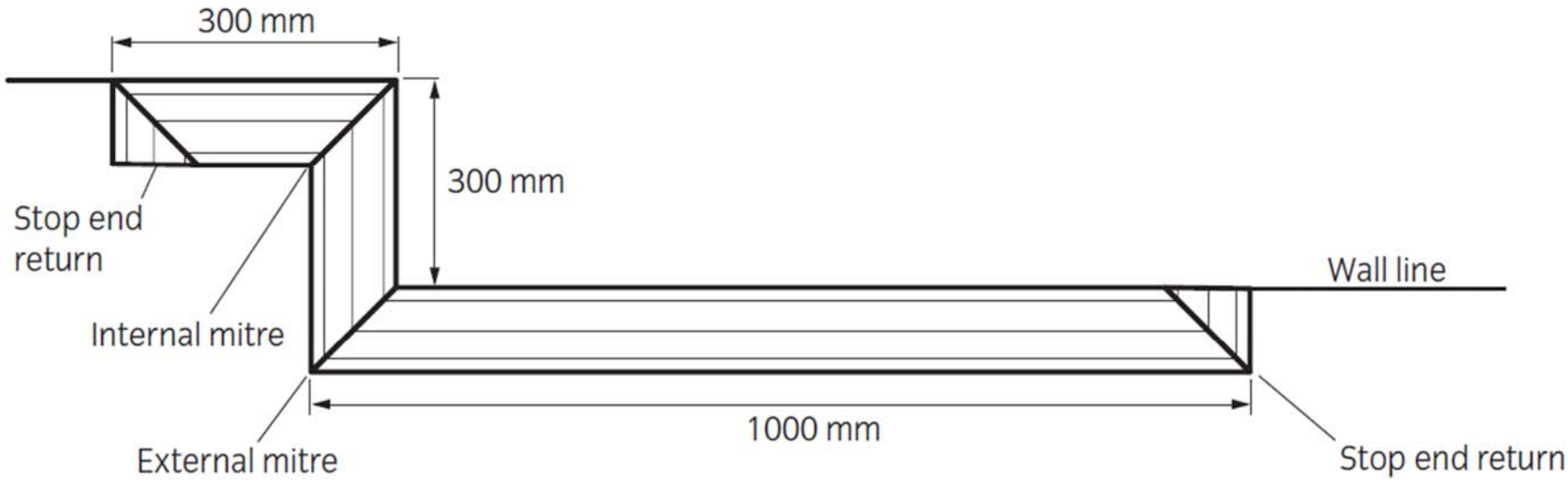




Dentil block template

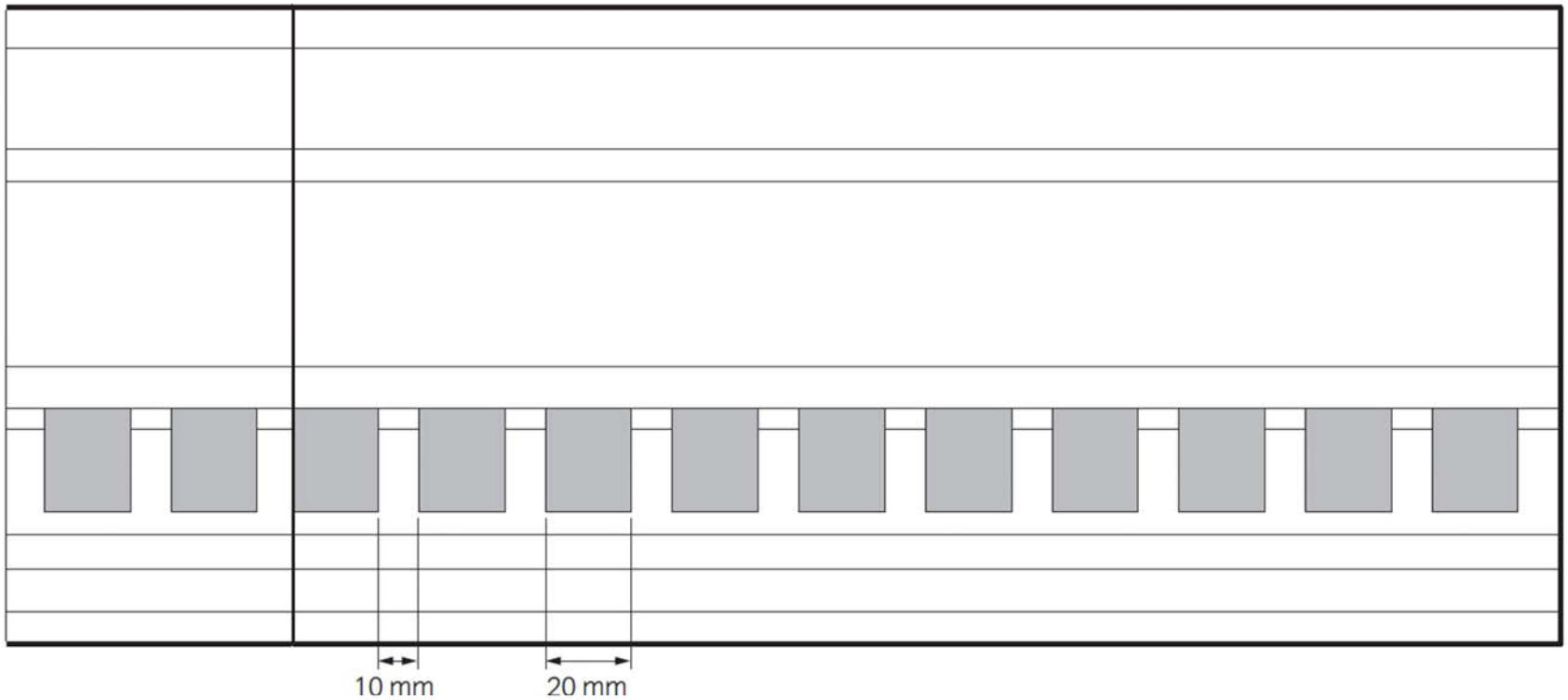
Unit 315 Producing and fixing detailed fibrous plaster and cement casts
Task 2 Fix enriched cornice

Figure 1: Plan view



Unit 315 Producing and fixing detailed fibrous plaster and cement casts
Task 2 Fix enriched cornice

Figure 2: Front elevation



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