

Title:	Constructing Thin Joint Masonry
Level:	2
Credit Value:	3
GLH	30
Unique Reference Number:	T/618/0834
Aim:	The aim of this unit is to provide learners with the skills and knowledge to be able to interpret information required in order to complete the construction of thin joint masonry, in accordance with instructions.
Assessment	Assessment of this unit will be through the completion of a NOCN devised practical task and associated knowledge questions (written or verbal). This unit is internally assessed and internally and externally quality assured using the NOCN assessment booklet to evidence all learning outcomes.
Learning outcomes	
<i>The learner will:</i>	
1.	Be able to interpret the information required in order to be able to construct thin joint masonry.
Delivery content:	
The aim of this learning outcome is to provide the learners with the skills and knowledge to be interpret the information necessary to construct thin joint masonry.	
The learner must:	
<ul style="list-style-type: none"> • identify the documentation, and the details contained within, in order to complete given tasks. • identify and report any inaccuracies with the supplied information in accordance with organisational procedures. • identify different types of drawings and their purpose. • interpret different drawings including common scales and symbols and hatchings used. • read and apply measurements from the information correctly. • describe the purpose of a datum point and demonstrate how it is used to establish location and height of the structure. • use manufacturers' information to appropriately use resources. 	
2.	Be able to identify the tools, equipment and materials required to be able to construct thin joint masonry.
Delivery content:	
The aim of this learning outcome is to provide the learners with the skills and knowledge to identify and select the tools, equipment, and materials required to construct thin joint masonry.	
The learner must:	
<ul style="list-style-type: none"> • identify the requirements from the provided information and confirm it is correct for the given tasks. 	

- report any discrepancies in accordance with organisational procedures.
- carry out checks on all resources provided.
- report and replace any resources not meeting requirements in accordance with organisational procedures.
- demonstrate their ability to use safely and in accordance with manufacturers' guidance and organisational procedures.

3. Be able to prepare work areas in order to construct thin joint masonry.

Delivery content:

The aim of this learning outcome is to provide learners with the skills and knowledge to carry out preparations in order to construct thin joint masonry.

The learner must:

- interpret risk assessments to identify **hazards** and ensure any collective **protection equipment** is used correctly.
- inspect the work area to identify any **hazards** and ensure any present are mitigated.
- report issues and mitigating work carried out in accordance with organisational procedures.
- ensure that the work area is cleared and ready for the construction of thin joint masonry and surrounding areas are protected.
- carry out calculations to identify the correct quantities of **materials** required for the given tasks.
- ensure all **materials** are prepared including cutting, as required.
- set out resources safely and logically in order to support effective completion of the given tasks.

4. Be able to construct thin joint masonry.

Delivery content:

The aim of this learning outcome is to provide learners with the skills and knowledge to construct thin joint masonry.

The learner must:

- identify and confirm the horizontal and vertical datum points are correct.
- measure from datum points to set out the required works in the correct location.
- mix compounds in accordance with manufacturer's instructions.
- install **components** to specification and construct walling to form straight lengths, returns and junctions as instructed.
- ensure that all work is accurate to specification and apply **protection** to protect completed works from damage and adverse weather.

5. Be able to complete works following the construction of thin joint masonry.

Delivery content:

The aim of this learning outcome is to provide learners with the skills and knowledge to complete work.

The learner must:

- clean, inspect and store all **tools, equipment** and excess **materials** in accordance with manufacturers' guidance.
- report any issues in accordance with organisational procedures.

- clean the work area and dispose of all waste in accordance with legislative requirements, manufacturers' guidance and organisational procedures.
- leave the work area in a safe and clean condition, using collective protective measures as appropriate.
- complete all final paperwork as required and file correctly.

Scope of Training

The Scope of Training identifies areas that must be covered during the delivery of this unit. This is the minimum that is expected but tutors are expected to include other areas, knowledge of which will benefit their learners, based on location, types of work available and from the tutors own professional experience.

Assessment:

The Assessment Workbook is available from NOCN.

	Requirements		
Documentation	Current legislation relating to health and safety Job specification Method statements		Risk assessments Manufacturers' guidance Building regulations
Drawings	2D and 3D drawings BIM related models Site and location plans Assembly plans		Section details Block plans Site plans Orthographic and isometric projections
Common scales	To include: 1:5, 1:10, 1:20, 1:50, 1:100 and 1:500		
Tools	Block cutter Sanding Board Whisk Line pins Lump hammer Bolster Laser level	Masonry saw Block rasp Scoop/spreader Brick trowel Scutch hammer Pointing trowel Tape measure	Spirit level Line Corner block Boat/pocket level Chisel Rubber mallet
Equipment	Shovel Mixing tub/bucket	Wheel barrow Sack barrow	Brush Waste bags
Materials	Thin joint blocks Wall ties Insulation materials Adhesive	Cavity closers Damp proofing materials	Water Lintels Mortar
Personal protective equipment	Steel toe-capped boots Gloves Goggles Hard hat		High-visibility clothing Respiratory protection Hearing protection
Collective protective equipment	Signage Barriers Sheeting		
Hazards	Slips, trips and falls Working at height Confined spaces Manual handling Cuts and abrasions		Hazardous substances Fire Electrical equipment and leads Plant and equipment



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