

Open Awards Qualification Unit



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1 Unit Details

Unit Title:	Brickwork Bonding Skills
Unique Reference Number:	J/615/9728
Level:	Level 2
Credit Value:	5
Minimum GLH:	40

2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know the principles and purpose of bonding	1.1 Explain the purpose of bonding
	1.2 Explain the rules of bonding
	1.3 Describe types of bond
	1.4 Explain where the bonds described would be used
2. Be able to construct one brick thick walls in English Bond	2.1 Correctly interpret a working drawing
	2.2 Explain the difference between ½ brick and one brick thick walls
	2.3 Use the correct cutting techniques and sizing for queen closures
	2.4 Apply collar joints correctly
	2.5 Apply cross-joints to header and stretcher courses correctly
	2.6 Explain why English Bond is ¼ bond
	2.7 Ensure ¼ bond is applied avoiding straight joints
3. Be able to construct one brick thick walls in Flemish Bond	3.1 Correctly interpret a working drawing
	3.2 Explain the brick arrangements of Flemish Bond
	3.3 Use the correct cutting techniques and sizing for queen closures
	3.4 Apply collar joints correctly

	3.5	Apply cross-joints to header and stretcher courses correctly
	3.6	Explain why Flemish Bond is $\frac{1}{4}$ bond
	3.7	Ensure $\frac{1}{4}$ bond is applied avoiding straight joints
4. Be able to produce a right angle quoin in English Bond	4.1	Correctly interpret a working drawing
	4.2	Set out right angle
	4.3	Dry bond 1st and 2nd courses correctly, using relevant cuts
	4.4	Build quoin correctly to drawing maintaining all relevant criteria
	4.5	Joints to be finished to a specified type
5. Be able to produce a straight wall with one quoin and one stopped end in Flemish Bond	5.1	Interpret a working drawing correctly
	5.2	Set up work area
	5.3	Set out right angle and face length to stopped end
	5.4	Dry bond 1st and 2nd courses using relevant cuts
	5.5	Raise quoin and stopped end to be gauge, plumb, level and range
	5.6	Run in using a line ensuring correct elevation and alignment
	5.7	Point the wall to a specified finish
6. Be able to build brick on edge (BOE) coping to solid one brick walls	6.1	Finish top of wall using BOE
	6.2	Ensure all cross-joints are full
	6.3	Ensure BOE is level in length and across the wall
	6.4	Point the BOE to a tooled finish