

## 14 Masonry

Brick/block walling  
 Glass block walling  
 Natural stone rubble walling and dressings  
 Natural stone ashlar walling and dressings  
 Artificial/cast stone walling and dressings

Drawings that must accompany this section of measurement.		<ol style="list-style-type: none"> <li>1 Plans of each floor level.</li> <li>2 Principal sections showing floor to floor heights.</li> <li>3 External elevations.</li> <li>4 Any other major masonry work.</li> </ol>	<b>Mandatory information to be provided.</b>	<ol style="list-style-type: none"> <li>1 Kind, quality and size of brick/block/stone units.</li> <li>2 Type of finish/facings to each side.</li> <li>3 Bond.</li> <li>4 Composition and mix of mortar.</li> <li>5 Type of pointing.</li> <li>6 Bonding to other work.</li> <li>7 Raking or curved work so described.</li> <li>8 Radius of curved work.</li> </ol>	<b>Notes, comments and glossary</b>
Minimum information that must be shown on the drawings that accompany this section of measurement.		<ol style="list-style-type: none"> <li>1 Major horizontal and vertical dimensions.</li> <li>2 Types of materials used to construct the walls and other structures.</li> <li>3 Position of main structural frame members.</li> </ol>	<b>Works and materials deemed included.</b>	<ol style="list-style-type: none"> <li>1 All rough and fair cutting.</li> <li>2 All ends and angles, either formed or proprietary.</li> <li>3 Extra material for curved work.</li> <li>4 Forming all rough and fair grooves, throats, mortices, chases, rebates, holes, stops, mitres and the like labours.</li> <li>5 Raking out joints to form a key.</li> <li>6 Raking out joints to insert flashings.</li> <li>7 Centering or other forms of temporary support.</li> </ol>	<ol style="list-style-type: none"> <li>1 All walling is measured on the centre line irrespective of construction.</li> <li>2 Thicknesses stated are nominal.</li> <li>3 Work is deemed vertical unless otherwise described.</li> <li>4 All wall dimensions exclude applied finishes.</li> <li>5 No deductions will be made for voids or built in items whose cross sectional area is less than 0.50m<sup>2</sup>.</li> </ol>

				8 Labour in eaves filling. 9 Labours in returns, ends and angles. 10 Centering. 11 Overhand work. 12 Bonding ends of walls to other work. 13 All extra material required for bonding. 14 Additional material in laps. 15 Preparation of all surfaces to receive subsequent applications.	
Item or work to be measured	Unit	Level one	Level two	Level three	Notes, comments and glossary
1 Walls; overall thickness stated 2 Diaphragm walls; overall thickness stated, spacing and thickness of ribs stated.	m <sup>2</sup>	1 Brickwork. 2 Blockwork. 3 Glass blockwork. 4 Natural stone. 5 Cast stone. 6 Other: type stated.	1 Skins of hollow walls. 2 Battered. 3 Tapered; one side or both sides. 4 Built against other work. 5 Used as formwork.	1 Method of forming.	1 The description shall describe the type of construction of the masonry such as rubble or ashlar work and height of coursing. 2 Walls are measured on the centre line of the material unless otherwise stated. 3 The radius of curved work is taken from the centre line. 4 Battering walls are sloping walls with parallel sides. 5 Thickness stated for tapering walls is the mean thickness. 6 No deductions to be made for voids or built in items whose cross sectional area equal to or less than 0.50m <sup>2</sup> . 7 Thickness stated for diaphragm walls is total thickness of both skins and cavity void.
3 Vaulting; thickness and type stated	m <sup>2</sup>				

Item or work to be measured	Unit	Level one	Level two	Level three	Notes, comments and glossary
4 Isolated piers; isolated casings; chimney stacks; columns	m	1 Dimensioned description or dimensioned diagram.	1 Vertical. 2 Battered. 3 Curved: radius stated.		1 These are such when their length on plan is equal to or less than four times their thickness except where caused by openings. 2 No deductions to be made for flues and the like equal to or less than 0.10m <sup>2</sup> in cross sectional area.
5 Attached projections	m		1 Vertical. 2 Raking. 3 Horizontal. 4 Curved: radius stated.		1 Attached projections are attached piers whose length on plan is equal to or less than four times their thickness plus plinths, oversailing courses and the like.
6 Arches (number stated)	m	1 Height of face, width of soffit and shape of arch stated.			1 The length is the mean girth or length on face.
7 Bands; dimensioned description	m	1 Flush. 2 Sunk: depth of set back stated. 3 Projecting: depth of set forward stated.	1 Vertical. 2 Raking. 3 Horizontal. 4 Curved: mean radius on face stated.	1 Entirely of stretchers. 2 Entirely of headers. 3 Alternate headers/stretchers. 4 Other bond.	1 Bands are brick-on-edge bands, brick-on-end bands, basket pattern bands, moulded or splayed cappings, moulded string courses, moulded cornices and the like.
8 Flues 9 Flue linings 10 Filling around flues	m	1 Dimensioned description.	1 Method of forming.		
11 Extra over walls for perimeters and abutments, details stated	m	1 Dimensioned description.	1 Method of forming. 2 Closing cavities, additional ties, insulation and all other associated work is deemed included.		1 This will include work forming eaves, copings, kerbs, quoins, ends and the like.
12 Extra over walls for opening perimeters, details stated	m				1 This will include work forming sills, jambs, reveals, cavity closers, architraves, lintels, mullions, transoms, thresholds, steps and the like.

Item or work to be measured	Unit	Level one	Level two	Level three	Notes, comments and glossary
13 Special purpose blocks or stones	nr	1 Dimensioned description.	1 Function stated.		1 Descriptions of stones are given as the smallest block from which each item can be obtained having regard in the case of natural stone to the plane in which the stone is required to be laid with relation to its quarry bed. The dimensions are taken over one mortar bed and one mortar joint.
14 Forming cavity	m <sup>2</sup>	1 Width and method of forming.	1 Type and spacing of ties.		
15 Cavity insulation	m <sup>2</sup>	1 Type and thickness.	2 Method of installing or fixing.		
16 Damp-proof courses ≤ 300mm wide 17 Damp-proof courses > 300mm wide 18 Pre-formed cavity trays	m m <sup>2</sup> m	1 Gauge or thickness. 2 Number of layers. 3 Composition and mix of bedding materials.	1 Vertical. 2 Raking. 3 Horizontal. 4 Curved, mean radius on face stated. 5 Stepped.		1 Damp-proof courses are deemed to include: (a) forming laps, ends and angles. (b) pointing exposed edges. (c) bonding to damp-proof membranes and the like.
19 Joint reinforcement	m	1 Width stated.			
20 Fillets	m	1 Width and thickness stated.		1 Weather. 2 Angle. 3 Other.	
21 Pointing	m	1 Width and depth of joint to be pointed.		1 Type of finish.	1 This relates to the pointing of joints, flashings, frames and the like.
22 Joints	m	1 Width and thickness stated.		1 Type of filler, sealant, pointing, method of application and preparation. 2 Ties: centres stated. 3 Channels.	1 Joints are only measured where their composition and position is designed.

Item or work to be measured	Unit	Level one	Level two	Level three	Notes, comments and glossary
23 Wedging and pinning	m	1 Width and thickness stated.			
24 Creasing	m	1 Width stated. 2 Number of courses.			
25 Proprietary and individual spot items.	nr	1 Dimensioned description or dimensioned diagram.	1 Proprietary reference or catalogue number where applicable.	1 Method of forming, building in or fixing.	<p>1 All of these items are deemed to include all necessary forming of openings or pockets, liners, cavity closers, damp-proof courses, fixings and fastenings and builder's work in connection with any associated mechanical or electrical connections.</p> <p>2 This will include items such as windposts, head restraint channels, steel lintels, wall end ties, wall end bonding channels, cappings, chimney pots, finials, boiler seats, soot doors, plinths, steps, winders, landings, bases, key blocks, air bricks, ventilator gratings, flue blocks, fire backs and sides, grates, carved bricks, blocks or stones, quoin stones, jamb stones, hearths, weep-hole formers and the like.</p> <p>3 The list is not exhaustive. Any type of individual shaped piece should be enumerated and described either by a dimensioned description or a dimensioned diagram or by reference to the specification or trade brochure.</p>