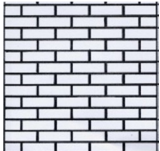
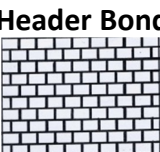

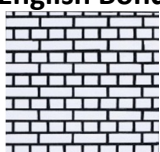
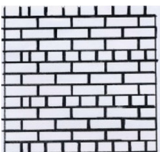
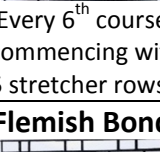
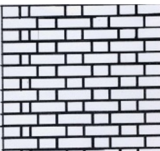
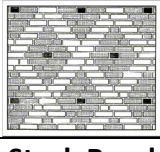
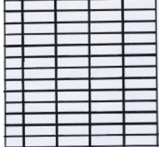
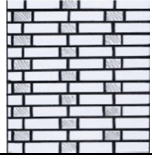
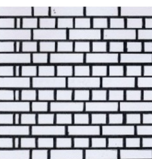
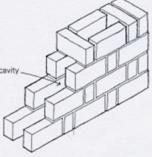
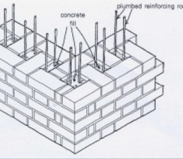
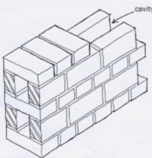
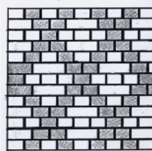


Design & specification considerations
Brickwork Bonds and net quantities per m²

	Half brick thick (102mm) assuming half bricks cut on site and best half selected.			One brick thick (215mm)		
	Total	Stretchers	Headers	Total	Stretchers	Headers
Stretcher Bond 	All stretchers 65mm					
	60	60	0	120	120	0
73mm 	54	54	0	108	108	0
	Header Bond (assuming each brick for a 102mm wall cut on site and best half used.)					
	119	0	119	119	0	119
	English Bond Alternate courses of headers and stretchers.					
	90	30	60	120	60	60
	English Garden Wall Stretchers with rows of headers every 4 th or 6 th course.					
Every 4 th course (commencing with 3 stretcher rows) 	73	46	27	128	92	27
	Every 6 th course (commencing with 5 stretcher rows) 	68	50	18	118	100
Flemish Bond Alternate bricks, header/stretcher, in each course.						
	80	40	40	120	80	40
	Flemish Garden Wall 3 Stretchers to one header in each course.					
	68	51	17	119	102	17
	Stack Bond All stretchers with perpends directly above the perpend below.					
	60	60	0	Not recommended both sides.		

Design & specification considerations

	Half brick thick (102mm) assuming half bricks cut on site and best half selected.			One brick thick (215mm)		
	Total	Stretchers	Headers	Total	Stretchers	Headers
Monk Bond 	2 stretchers to 1 header. Header laid centrally over the perpend between the 2 stretchers below.					
	72	48	24	120	96	24
English Cross Bond 	Similar to English Bond but a header is placed next to the end stretcher on every alternate stretcher course.					
	89	30	59	119	60	59
Rat Trap 	Brick on edge 1 stretcher / 1 header (but can be 3 to 1 variants).					
	Na – 215mm only			90	60	30
Quetta Bond 	Reinforcing bond usually filled with steel rods and mortar. Alternate bricks laid header/stretcher with the back end of the header lining up with the centre of the stretcher on the rear.					
	Na - 1 ½ brick thick only (327mm)			164	82	82
Dearne's Bond 	Alternate rows of stretchers on edge and headers on flat.					
	Na – 215mm only			96	48	48
Diamond Diaper 	Alternate rows of all headers / 1 stretcher to 2 headers. Off-set stretchers every 6th course.					
	104	15	89 (53 coloured)	119	30	89

For further information or advice regarding this topic please contact Ibstock's Design & Technical Helpline on **0844 800 4576** or email technical@ibstock.co.uk

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