

Height and Span Tables

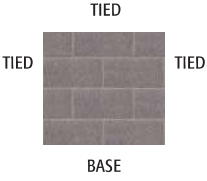


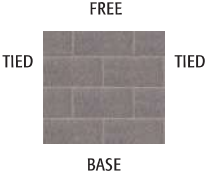
Height and Span Tables - Unplastered

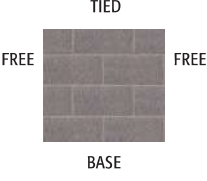
In using the following tables we advise the following limitations:-

- 1 The length should not exceed 2.5 times the height and generally the length should not exceed 9 metres.
- 2 The maximum allowable length of panels for edge condition illustrated.


★ *Not recommended at this height*

PANEL TYPE		Thickness of Blockwork				
	Panel Height (metres)	75mm	100mm	140mm	190mm	215mm
	Length in metres					
	2.1	5.2	5.2	5.2	5.2	5.2
	2.4	6.0	6.0	6.0	6.0	6.0
	2.7	6.7	6.7	6.7	6.7	6.7
	3.0	6.0	7.5	7.5	7.5	7.5
	3.3	5.1	8.2	8.2	8.2	8.2
	3.6	4.2	9.0	9.0	9.0	9.0
	3.9	3.3	8.3	9.0	9.0	9.0
	4.2	3.0	6.5	9.0	9.0	9.0
4.5	3.0	6.5	9.0	9.0	9.0	
4.8	3.0	5.6	9.0	9.0	9.0	
5.1	3.0	4.7	9.0	9.0	9.0	
5.4	3.0	4.0	9.0	9.0	9.0	
5.7	3.0	4.0	9.0	9.0	9.0	
6.0	3.0	4.0	9.0	9.0	9.0	

PANEL TYPE		Thickness of Blockwork				
	Panel Height (metres)	75mm	100mm	140mm	190mm	215mm
	Length in metres					
	1.2	3.0	3.0	3.0	3.0	3.0
	1.5	3.7	3.7	3.7	3.7	3.7
	1.8	4.0	4.5	4.5	4.5	4.5
	2.1	3.9	5.2	5.2	5.2	5.2
	2.4	3.7	5.4	6.0	6.0	6.0
	2.7	3.6	5.3	6.7	6.7	6.7
	3.0	3.4	5.1	7.5	7.5	7.5
	3.3	3.3	5.0	7.6	7.6	7.6
3.6	3.1	4.8	7.5	9.0	9.0	
3.9	3.0	4.7	7.3	9.0	9.0	
4.2	3.0	4.5	7.2	9.0	9.0	
4.5	3.0	4.4	7.0	9.0	9.0	
4.8	3.0	4.2	6.9	9.0	9.0	
5.1	3.0	4.1	6.7	9.0	9.0	

PANEL TYPE		Thickness of Blockwork				
	Panel Height (metres)	75mm	100mm	140mm	190mm	215mm
	Length in metres					
	2.1	5.2	5.2	5.2	5.2	5.2
	2.4	★	6.0	6.0	6.0	6.0
	2.7	★	6.7	6.7	6.7	6.7
	3.0	★	7.5	7.5	7.5	7.5
	3.3	★	★	8.2	8.2	8.2
	3.6	★	★	9.0	9.0	9.0
	3.9	★	★	9.0	9.0	9.0
	4.2	★	★	9.0	9.0	9.0
4.5	★	★	★	9.0	9.0	
4.8	★	★	★	9.0	9.0	
5.1	★	★	★	9.0	9.0	
5.4	★	★	★	9.0	9.0	
5.7	★	★	★	9.0	9.0	
6.0	★	★	★	★	9.0	


Height and Span Tables - Plastered both sides


PANEL TYPE		Thickness of Blockwork				
	Panel Height (metres)	75mm	100mm	140mm	190mm	215mm
	Length in metres					
	2.1	5.2	5.2	5.2	5.2	5.2
	2.4	6.0	6.0	6.0	6.0	6.0
	2.7	6.7	6.7	6.7	6.7	6.7
	3.0	7.5	7.5	7.5	7.5	7.5
	3.3	8.2	8.2	8.2	8.2	8.2
	3.6	9.0	9.0	9.0	9.0	9.0
	3.9	8.3	9.0	9.0	9.0	9.0
	4.2	7.4	9.0	9.0	9.0	9.0
4.5	6.5	9.0	9.0	9.0	9.0	
4.8	5.6	9.0	9.0	9.0	9.0	
5.1	4.7	9.0	9.0	9.0	9.0	
5.4	4.0	8.8	9.0	9.0	9.0	
5.7	4.0	7.9	9.0	9.0	9.0	
6.0	4.0	7.0	9.0	9.0	9.0	

The tables shown should be used only if the wall carries no horizontal or vertical loads.

We recommend you consult our Technical Department when opening and changes of direction are required in panels.

★ *Not recommended at this height*

PANEL TYPE		Thickness of Blockwork				
	Panel Height (metres)	75mm	100mm	140mm	190mm	215mm
	Length in metres					
	1.2	3.0	3.0	3.0	3.0	3.0
	1.5	3.7	3.7	3.7	3.7	3.7
	1.8	4.5	4.5	4.5	4.5	4.5
	2.1	5.2	5.2	5.2	5.2	5.2
	2.4	5.4	6.0	6.0	6.0	6.0
	2.7	5.3	6.7	6.7	6.7	6.7
	3.0	5.1	6.8	7.5	7.5	7.5
	3.3	5.0	6.6	8.2	8.2	8.2
3.6	4.8	6.5	9.0	9.0	9.0	
3.9	4.7	6.3	9.0	9.0	9.0	
4.2	4.5	6.2	8.8	9.0	9.0	
4.5	4.4	6.0	8.7	9.0	9.0	
4.8	4.2	5.9	8.5	9.0	9.0	
5.1	4.1	5.7	8.4	9.0	9.0	

PANEL TYPE		Thickness of Blockwork				
	Panel Height (metres)	75mm	100mm	140mm	190mm	215mm
	Length in metres					
	2.1	5.2	5.2	5.2	5.2	5.2
	2.4	6.0	6.0	6.0	6.0	6.0
	2.7	6.7	6.7	6.7	6.7	6.7
	3.0	7.5	7.5	7.5	7.5	7.5
	3.3	★	8.2	8.2	8.2	8.2
	3.6	★	9.0	9.0	9.0	9.0
	3.9	★	★	9.0	9.0	9.0
	4.2	★	★	9.0	9.0	9.0
4.5	★	★	9.0	9.0	9.0	
4.8	★	★	9.0	9.0	9.0	
5.1	★	★	★	9.0	9.0	
5.4	★	★	★	9.0	9.0	
5.7	★	★	★	9.0	9.0	
6.0	★	★	★	9.0	9.0	