



Lintels Supporting Roof Only (Table 8.9 of NZS 3604)

Max Veneer Height (m)	Roof Type	Loaded Dimension (m)	Max Lintel Span (m) for Ritch Beam Size														
			Mitek					Pyda									
			FB15L	FB20M	FB25L	FB25M	FB30M	150PF6	200PF6	200PF8	200PF10	250PF6	250PF8	250PF10	300PF6	300PF8	300PF10
600mm	Light	2	2.8	4.2	4.4	5.3	6.4	3.1	4.2	4.5	4.8	5.3	5.7	6.1	6.4	6.9	7.3
		3	2.6	3.8	4.0	4.9	5.9	2.8	2.8	4.1	4.4	4.9	5.2	5.6	5.9	6.3	6.7
		4	2.4	3.6	3.8	4.5	5.5	2.6	2.6	3.9	4.1	4.5	4.9	5.2	5.5	5.9	6.3
	Heavy	6	2.2	3.2	3.4	4.1	4.9	2.4	3.2	3.5	3.7	4.1	4.4	4.7	4.9	5.3	5.6
		2	2.4	3.6	3.8	4.6	5.6	2.6	3.6	3.8	4.1	4.5	4.8	5.1	5.4	5.8	6.2
		3	2.2	3.3	3.5	4.2	5.1	2.4	3.2	3.5	3.7	4.1	4.4	4.7	4.9	5.3	5.7
1200mm	Light	4	2.2	3.1	3.2	3.9	4.7	2.2	3.0	3.2	3.4	3.8	4.1	4.3	4.6	4.9	5.3
		6	1.9	2.8	2.9	3.5	4.2	2.1	2.7	2.9	3.1	3.4	3.7	3.9	4.1	4.4	4.7
		2	2.7	4.0	4.2	5.1	6.2	3.0	4.0	4.3	4.6	5.1	5.5	5.8	6.1	6.6	7.0
	Heavy	3	2.5	3.7	3.9	4.7	5.7	2.8	3.7	4.0	4.2	4.7	5.0	5.4	5.7	6.1	6.5
		4	2.4	3.5	3.7	4.4	5.3	2.6	3.5	3.7	4.0	4.4	4.7	5.0	5.3	5.7	6.1
		6	2.2	3.2	3.3	4.0	4.8	2.4	3.2	3.4	3.6	4.0	4.3	4.6	4.8	5.2	5.5
Unlimited	Light	2	2.4	3.6	3.7	4.5	5.4	2.6	3.5	3.7	3.9	4.4	4.7	5.0	5.3	5.7	6.0
		3	2.2	3.3	3.4	4.1	5.0	2.4	3.2	3.4	3.6	4.0	4.3	4.6	4.8	5.2	5.5
		4	2.2	3.1	3.2	3.8	4.6	2.2	3.0	3.2	3.4	3.7	4.0	4.3	4.5	4.9	5.2
	Heavy	6	1.9	2.7	2.9	3.5	4.2	2.1	2.7	2.9	3.1	3.4	3.6	3.8	4.1	4.4	4.6
		2	2.7	4.0	4.2	5.0	5.9	3.0	4.0	4.3	4.5	4.9	5.3	5.6	5.9	6.3	6.6
		3	2.5	3.7	3.9	4.6	5.6	2.8	3.7	4.0	4.2	4.6	4.9	5.2	5.5	5.9	6.2
Unlimited	Light	4	2.4	3.5	3.7	4.4	5.2	2.6	3.5	3.7	4.0	4.4	4.7	4.9	5.2	5.6	5.9
		6	2.2	3.2	3.3	4.0	4.8	2.4	3.2	3.4	3.6	4.0	4.3	4.5	4.8	5.1	5.4
		2	2.4	3.6	3.7	4.5	5.3	2.6	3.5	3.7	3.9	4.3	4.6	4.9	5.2	5.5	5.9
	Heavy	3	2.2	3.3	3.4	4.1	4.9	2.4	3.2	3.4	3.6	4.0	4.3	4.5	4.8	5.1	5.4
		4	2.2	3.1	3.2	3.8	4.6	2.2	3.0	3.2	3.4	3.7	4.0	4.2	4.5	4.8	5.1
		6	1.9	2.7	2.9	3.5	4.2	2.1	2.7	2.9	3.1	3.4	3.6	3.8	4.1	4.4	4.6

Lintels Supporting Wall & Floor (Table 8.12 of NZS 3604)

Max Veneer Height (m)	Roof Type	Loaded Dimension (m)	Max Lintel Span (m) for Ritch Beam Size														
			Mitek					Pyda									
			FB15L	FB20M	FB25L	FB25M	FB30M	150PF6	200PF6	200PF8	200PF10	250PF6	250PF8	250PF10	300PF6	300PF8	300PF10
Unlimited	Heavy	3	2.1	3.0	3.2	3.9	4.7	2.2	2.9	3.1	3.3	3.7	3.7	4.2	4.4	4.8	5.1

Lintels Supporting Roof, Wall, Floor (Table 8.11 of NZS 3604)

Max Veneer Height (m)	Roof Type	Loaded Dimension (m)	Max Lintel Span (m) for Ritch Beam Size														
			Mitek					Pyda									
			FB15L	FB20M	FB25L	FB25M	FB30M	150PF6	200PF6	200PF8	200PF10	250PF6	250PF8	250PF10	300PF6	300PF8	300PF10
Unlimited	Light	2	2.1	3.0	3.1	3.7	4.5	2.1	2.8	3.0	3.1	3.5	3.7	4.0	4.2	4.5	4.8
		3	2.0	2.9	3.0	3.6	4.4	2.1	2.7	2.9	3.0	3.4	3.6	3.8	4.1	4.4	4.6
		4	2.0	2.8	2.9	3.5	4.2	2.0	2.6	2.8	2.9	3.3	3.5	3.7	3.9	4.2	4.5
	Heavy	6	1.9	2.6	2.8	3.3	4.0	1.9	2.4	2.6	2.8	3.1	3.3	3.5	3.7	4.0	4.3
		2	2.0	2.8	2.9	3.5	4.3	2.0	2.6	2.8	3.0	3.3	3.5	3.8	4.0	4.3	4.5
		3	1.9	2.7	2.8	3.4	4.1	1.9	2.5	2.7	2.8	3.1	3.4	3.6	3.8	4.1	4.3
Unlimited	Heavy	4	1.8	2.6	2.7	3.3	3.9	1.9	2.4	2.6	2.7	3.0	3.3	3.5	3.7	3.9	4.2
		6	1.7	2.4	2.5	3.0	3.7	1.8	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.7	3.9

FLITCH BEAM CALCULATION TABLES TO SUPPORT POREN LINTEL AT OPENINGS

STO POREN SYSTEM	STO POREN BRICK VENEER	PB-006
	FLITCH BEAM CALCULATION TABLES	2014

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