

Moment, $M_{serv}$ kNm
2.380

Composite Lintel Type 1: 100x65mm		
Span, $L_{eff}$ m	Design load, $w$ kN/m	Design load, $W$ kN
0.900	15.33	13.80
1.050	13.14	13.80
1.200	11.50	13.80
1.350	10.22	13.80
1.500	8.46	12.69
1.650	6.99	11.54
1.800	5.88	10.58
1.950	5.01	9.76
2.100	4.32	9.07
2.250	3.76	8.46
2.400	3.31	7.93
2.550	2.93	7.47
2.700	2.61	7.05
2.850	2.34	6.68
3.000	2.12	6.35

\* Shear Controlling Factor, cannot exceed Mean x 0.9  
 Serv Load,  $W < 0.9 * \text{Mean Shear}$  13.80kN

Moment, $L_{eff}/325$ kNm
2.380

Composite Lintel Type 1: 100x65mm		
Span, $L_{eff}$ m	Load at Defl. $L_{eff}/325$ kN/m	Design load, $W_{L_{eff}/325}$ kN
0.900	15.33	13.80
1.050	13.14	13.80
1.200	11.50	13.80
1.350	10.22	13.80
1.500	12.69	19.04
1.650	10.49	17.31
1.800	8.81	15.87
1.950	7.51	14.65
2.100	6.48	13.60
2.250	5.64	12.69
2.400	4.96	11.90
2.550	4.39	11.20
2.700	3.92	10.58
2.850	3.52	10.02
3.000	3.17	9.52

\* Shear Controlling Factor, cannot exceed Mean x 0.9  
 Serv Load,  $W < 0.9 * \text{Mean Shear}$  13.80kN

**Related failure mode:** Compression  
**Water absorption:** 5.46  
**Water vapour permeability:** NPD  
**Direct Airborne Sound Insulation:** NPD  
**Resistance to fire:** Euroclass A1  
**Durability (against corrosion):** Materials Coating B  
**Durability (against freeze/thaw):** Resistant  
**Dangerous substances:** None

Rev. History	02	Updated Load/Span Tables	Date	08/02/2017
--------------	----	--------------------------	------	------------