

Moment, M_{ult}
kNm
4.670

Composite Lintel Type 2: 150x65mm		
Span, l_{eff}	Ult Load, W	Ult load, W
m	kN/m	kN
0.900	21.89	19.70
1.050	18.76	19.70
1.200	16.42	19.70
1.350	14.59	19.70
1.500	13.13	19.70
1.650	11.94	19.70
1.800	10.94	19.70
1.950	9.83	19.16
2.100	8.47	17.79
2.250	7.38	16.60
2.400	6.49	15.57
2.550	5.75	14.65
2.700	5.12	13.84
2.850	4.60	13.11
3.000	4.15	12.45

* Shear Controlling Factor, cannot exceed Mean x 0.9
 Ult Load, W < 0.9 * Mean Shear 19.70kN

Moment, $L_{eff}/325$
kNm
3.113

Composite Lintel Type 2: 150x65mm		
Span, L_{eff}	Load at Defl. $L_{eff}/325$	Design load, $W_{Leff/325}$
m	kN/m	kN
0.900	14.56	13.10
1.050	12.48	13.10
1.200	10.92	13.10
1.350	9.70	13.10
1.500	8.73	13.10
1.650	7.94	13.10
1.800	7.28	13.10
1.950	9.83	19.16
2.100	8.47	17.79
2.250	7.38	16.60
2.400	6.49	15.57
2.550	5.75	14.65
2.700	5.12	13.84
2.850	4.60	13.11
3.000	4.15	12.45

* Shear Controlling Factor, cannot exceed Mean x 0.9
 Serv Load, W < 0.9 * Mean Shear 13.10kN

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
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