

**DATA FOR SEVEN OF OUR LONG SPAN LINTELS PRODUCED IN 50 MPA PRECAST PRESTRESSED CONCRETE**

<b>DIMENSIONS:</b>	<b>Laminated Lintels</b>				<b>Shutter Beam Lintels</b>					
<b>Beams</b>	<b>Winlin 170</b>	<b>Winlin 200</b>	<b>Winlin 250</b>	<b>Slimlin</b>	<b>Kwiklin Standard</b>		<b>Kwiklin M6</b>		<b>Kwiklin M9</b>	
Number of Beams Per Set	3	3	3	3	2		2		2	
Height in mm	170 mm (2 Brick Courses)	200 mm (1 Block Course)	250 mm (3 Brick Courses)	250 mm (3 Brick Courses)	250 mm (3 Brick Courses)		195 mm (1 Block Course)		195 mm (1 Block Course)	
Width in mm	210	210	210	210	220		140		190	
Maximum Span Unsupported	4 meters	5 meters	6 meters	4,8 meters	Up to 7,5 meters, With Lattice Reinforcement installed		Up to 5 meters, With Lattice Reinforcement installed		Up to 5 meters, With Lattice Reinforcement installed	
					<b>With Concrete Infill</b>	<b>Concrete Infill with Reinforced Lattice</b>	<b>With Concrete Infill</b>	<b>Concrete Infill with Reinforced Lattice</b>	<b>With Concrete Infill</b>	<b>Concrete Infill with Reinforced Lattice</b>
<b>ENGINEERING DATA:</b>	<b>Class 3 Structures</b>									
Sagging Moment kNm	17,5	22	29	34	43	50	17	20	17	20
Hogging Canterleaver kNm	14,5	18	26	18	28	36	4	22	4	22
Shear Force kN (Uncracked)	61	74	97	97	90	112	22	120	22	120
Shear Force kN (Cracked at 1/3 Span)	11,44 + 2,25 vm	17,37 + 2,97 vm	19 + 4 vm	21 + 6 vm	15 + 12 vm	80 + 12 vm	12,4 + 4,35vm	14 + 5vm	12,4 + 4,35 vm	14 + 5 vm
Mass Per Meter of Beam	26	31	36	39	45		27		28	
Mass Per Beam Set Per Meter	78	93	108	117	90		54		56	
Concrete Infill Litres	-	-	-	-						
Standard Cast Length	5,7 up to 8,7 meters	5,0 and 7,4 meters	6,3 or 6,9 or 8,1 meters	5,4 meters	5,54 or 6,45 or 7,45 or 8,55		6,000 or 8,600 meters		6,000 or 8,600 meters	
Used When Building With	Brickwork	Blockwork	Brickwork	Brickwork	Brickwork		6 inch Blockwork		8/9 inch Blockwork	
For:	Sliding Door and Large Window Openings	Sliding Door and Large Window Openings	Sliding Door and Large Window Openings	Garage Door Openings	Over large sliding & Stack door openings and to act as bearers over openings to carry walls canterleaver beams and floor slabs and roof joist support		Sliding Doors, Double Garage Door Openings, Ring Beams and for slab support			