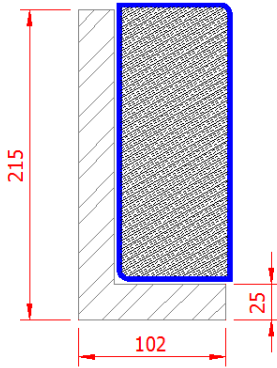


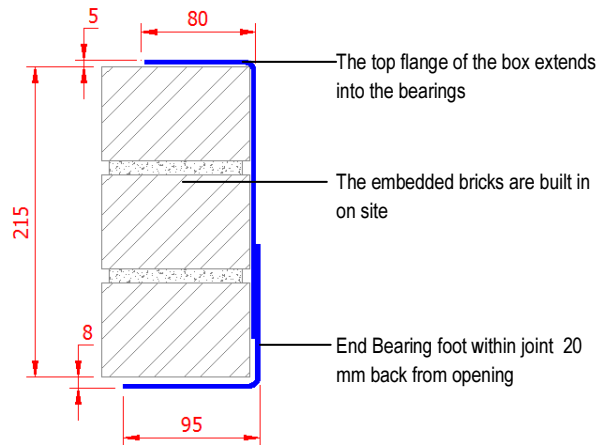
# Brick slip lintel

## Lintel to suit 215x102 - 25 mm slips

**Section at span:**



**Section at bearing:**



### B215/3

Lintel section properties

Ixx	744.7 cm <sup>4</sup>
Zxx	77.2 cm <sup>3</sup>
Weight	12.7 kg/m
Area	15.9 cm
Ryy	3.5 cm

### B215/4

Lintel section properties

Ixx	978.7 cm <sup>4</sup>
Zxx	101.4 cm <sup>3</sup>
Weight	16.8 kg/m
Area	21.0 cm
Ryy	3.5 cm

### B215/6

Lintel section properties

Ixx	1483.4 cm <sup>4</sup>
Zxx	151.4 cm <sup>3</sup>
Weight	25.3 kg/m
Area	31.6 cm
Ryy	3.5 cm

**Lintel load Capacity Table**

Opening Span	Lintel Length	Safe Load kN	Load Example
600	900	180.1	
900	1200	120.0	
1200	1500	90.0	
1500	1800	72.0	
1800	2100	60.0	
2100	2400	51.4	
2400	2700	44.6	
2700	3000	39.2	
3000	3300	32.5	Full height masonry
3300	3600	26.8	
3600	3900	22.6	1500 mm masonry
3900	4200	19.2	
4200	4500	16.6	
4500	4800	14.4	
4800	5100	12.7	
5100	5400	11.2	
5400	5700	10.0	
5700	6000	9.0	

**Lintel load Capacity Table**

Opening Span	Lintel Length	Safe Load kN	Load Example
600	900	236.6	
900	1200	157.8	
1200	1500	118.3	
1500	1800	94.7	
1800	2100	78.9	
2100	2400	67.6	
2400	2700	58.6	
2700	3000	51.6	
3000	3300	42.7	
3300	3600	35.3	
3600	3900	29.6	
3900	4200	25.3	1500 mm masonry
4200	4500	21.8	
4500	4800	19.0	
4800	5100	16.7	
5100	5400	14.8	
5400	5700	13.2	
5700	6000	11.8	

**Lintel load Capacity Table**

Opening Span	Lintel Length	Safe Load kN	Load Example
600	900	353.2	
900	1200	235.5	
1200	1500	176.6	
1500	1800	141.3	
1800	2100	117.7	
2100	2400	100.9	
2400	2700	87.6	
2700	3000	77.1	
3000	3300	64.7	
3300	3600	53.5	
3600	3900	44.9	Full height masonry
3900	4200	38.3	
4200	4500	33.0	
4500	4800	28.8	1500 mm masonry
4800	5100	25.3	
5100	5400	22.4	
5400	5700	20.0	
5700	6000	17.9	

The section provides a bearing on the top flange with a second bearing at the "foot". Full bricks are laid up to the gauged brick eliminating the need for slips on site. Default material stainless steel SS370 (EN 1.4003) also available in stainless steel LDX2101 (EN 1.4162)

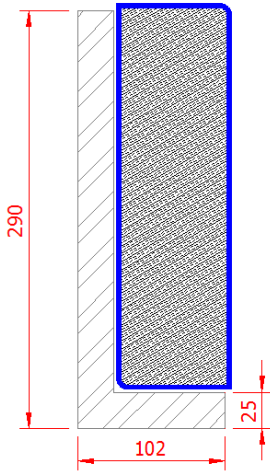
Loadings are shown above to assist you in your selection. 102.5mm width brickwork is taken as 2.2 kN/m<sup>2</sup>

Dimensions can be varied to suit imperial, other brick sizes and thicker slips

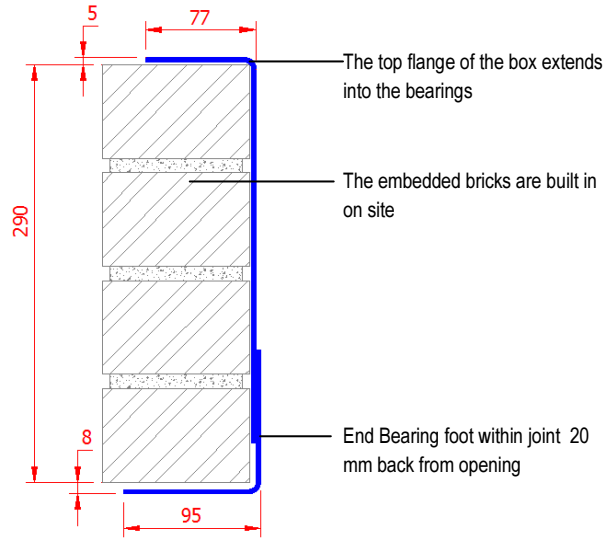
# Brick slip lintel

## Lintel to suit 290x102 - 25 mm slips

**Section at span:**



**Section at bearing :**



### B290/3

Lintel section properties

Ixx	1711.9 cm <sup>4</sup>
Zxx	127.8 cm <sup>3</sup>
Weight	16.3 kg/m
Area	20.4 cm
Ryy	3.5 cm

### B290/4

Lintel section properties

Ixx	2279.8 cm <sup>4</sup>
Zxx	169.5 cm <sup>3</sup>
Weight	21.7 kg/m
Area	27.1 cm
Ryy	3.5 cm

### B290/6

Lintel section properties

Ixx	3411.8 cm <sup>4</sup>
Zxx	251.7 cm <sup>3</sup>
Weight	32.5 kg/m
Area	40.6 cm
Ryy	3.6 cm

**Lintel load Capacity Table**

Opening Span	Lintel Length	Safe Load kN	Load Example
600	900	99.4	
900	1200	99.4	
1200	1500	99.4	
1500	1800	99.4	
1800	2100	99.4	
2100	2400	84.3	
2400	2700	72.8	
2700	3000	63.9	
3000	3300	56.8	
3300	3600	51.0	
3600	3900	46.2	
3900	4200	42.1	Full height masonry
4200	4500	38.1	
4500	4800	33.2	
4800	5100	29.2	1500 mm masonry
5100	5400	25.8	
5400	5700	23.0	
5700	6000	20.7	

**Lintel load Capacity Table**

Opening Span	Lintel Length	Safe Load kN	Load Example
600	900	131.83	
900	1200	131.83	
1200	1500	131.83	
1500	1800	131.83	
1800	2100	131.83	
2100	2400	111.85	
2400	2700	96.65	
2700	3000	84.85	
3000	3300	75.44	
3300	3600	67.75	
3600	3900	61.34	
3900	4200	55.93	
4200	4500	50.73	
4500	4800	44.19	Full height masonry
4800	5100	38.84	1500 mm masonry
5100	5400	34.41	
5400	5700	30.69	
5700	6000	27.54	

**Lintel load Capacity Table**

Opening Span	Lintel Length	Safe Load kN	Load Example
600	900	195.8	
900	1200	195.8	
1200	1500	195.8	
1500	1800	195.8	
1800	2100	195.8	
2100	2400	166.3	
2400	2700	143.7	
2700	3000	126.2	
3000	3300	112.2	
3300	3600	100.8	
3600	3900	91.3	
3900	4200	83.2	
4200	4500	75.9	
4500	4800	66.1	
4800	5100	58.1	
5100	5400	51.5	Full height masonry
5400	5700	45.9	
5700	6000	41.2	

The section provides a bearing on the top flange with a second bearing at the "foot". Full bricks are laid up to the gauged brick eliminating the need for slips on site. Default material stainless steel SS370 (EN 1.4003) also available in stainless steel LDX2101 (EN 1.4162)

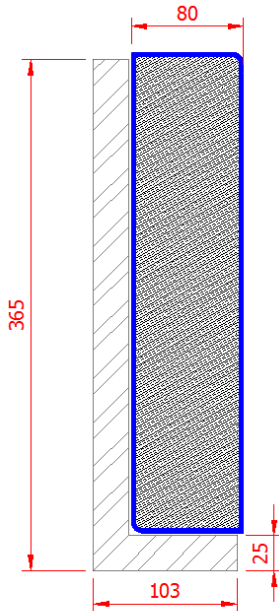
Loadings are shown above to assist you in your selection. 102.5mm width brickwork is taken as 2.2 kN/m<sup>2</sup>

Dimensions can be varied to suit imperial, other brick sizes and thicker slips

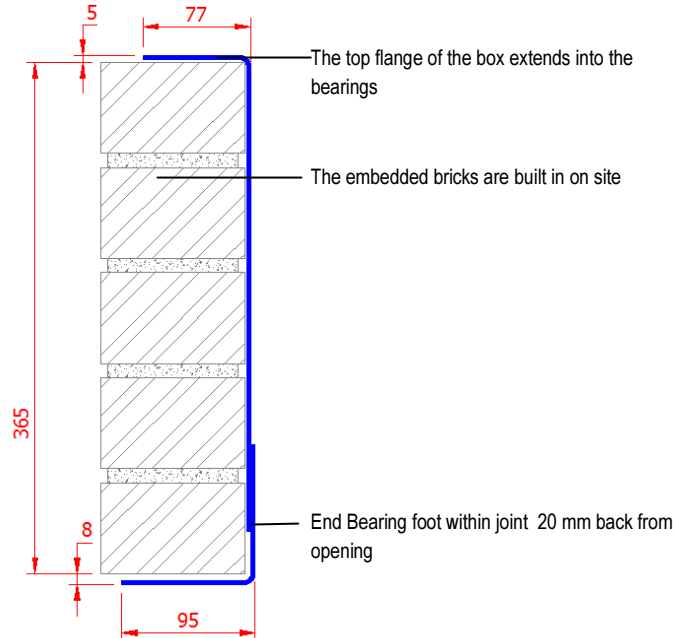
# Brick slip lintel

## Lintel to suit 365x102 - 25 mm slips

**Section at span**



**Section at bearing**



### B365/3

Lintel section properties

Ixx	3251.6 cm <sup>4</sup>
Zxx	189.6 cm <sup>3</sup>
Weight	19.9 kg/m
Area	24.9 cm
Ryy	3.6 cm

### B365/4

Lintel section properties

Ixx	4331.0 cm <sup>4</sup>
Zxx	251.8 cm <sup>3</sup>
Weight	26.5 kg/m
Area	33.1 cm
Ryy	3.6 cm

### B365/6

Lintel section properties

Ixx	6482.7 cm <sup>4</sup>
Zxx	374.7 cm <sup>3</sup>
Weight	39.7 kg/m
Area	49.6 cm
Ryy	3.6 cm

**Lintel load Capacity Table**

Opening Span	Lintel Length	Safe Load kN	Load Example
600	900	146.2	
900	1200	146.2	
1200	1500	146.2	
1500	1800	146.2	
1800	2100	146.2	
2100	2400	123.5	
2400	2700	106.6	
2700	3000	93.4	
3000	3300	82.9	
3300	3600	74.3	
3600	3900	67.2	
3900	4200	61.1	
4200	4500	55.9	
4500	4800	51.4	
4800	5100	47.5	Full height masonry
5100	5400	44.0	Full height masonry
5400	5700	40.9	Full height masonry
5700	6000	38.2	1500 mm masonry
6000	6300	35.5	1500 mm masonry

**Lintel load Capacity Table**

Opening Span	Lintel Length	Safe Load kN	Load Example
600	900	194.2	
900	1200	194.2	
1200	1500	194.2	
1500	1800	194.2	
1800	2100	194.2	
2100	2400	164.1	
2400	2700	141.6	
2700	3000	124.1	
3000	3300	110.2	
3300	3600	98.8	
3600	3900	89.3	
3900	4200	81.2	
4200	4500	74.3	
4500	4800	68.4	
4800	5100	63.1	
5100	5400	58.5	
5400	5700	54.4	Full height masonry
5700	6000	50.8	Full height masonry
6000	6300	47.2	Full height masonry

**Lintel load Capacity Table**

Opening Span	Lintel Length	Safe Load kN	Load Example
600	900	289.3	
900	1200	289.3	
1200	1500	289.3	
1500	1800	289.3	
1800	2100	289.3	
2100	2400	244.5	
2400	2700	211.0	
2700	3000	185.0	
3000	3300	164.2	
3300	3600	147.2	
3600	3900	133.1	
3900	4200	121.1	
4200	4500	110.9	
4500	4800	102.0	
4800	5100	94.2	
5100	5400	87.4	
5400	5700	81.3	
5700	6000	75.8	Full height masonry
6000	6300	70.7	Full height masonry

The section provides a bearing on the top flange with a second bearing at the "foot". Full bricks are laid up to the gauged brick eliminating the need for slips on site. Default material stainless steel SS370 (EN 1.4003) also available in stainless steel LDX2101 (EN 1.4162)

Loadings are shown above to assist you in your selection. 102.5mm width brickwork is taken as 2.2 kN/m<sup>2</sup>  
Dimensions can be varied to suit imperial, other brick sizes and thicker slips