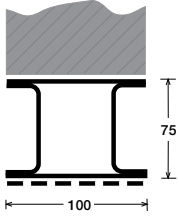


For 100mm walls - other widths available on request

# Single Wall Box Lintels

LIGHT DUTY

## Box 100-75



### Lintel Section Properties

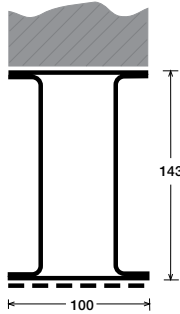
Ixx	117.20 cm <sup>4</sup>
Zxx	31.11 cm <sup>3</sup>
Weight	9.85 kg/m
Area	12.54 cm <sup>2</sup>
Ryy	3.18 cm

### Typical Optional Features

Option	Spec. Suffix
No Plaster Key on Base: / NP	
Plaster Key One Side: / PS	
Plaster Key Both Sides: / PSS	

STANDARD/MEDIUM DUTY

## Box 100-150



### Lintel Section Properties

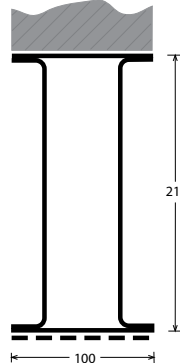
Ixx	649.62 cm <sup>4</sup>
Zxx	79.84 cm <sup>3</sup>
Weight	15.30 kg/m
Area	19.47 cm <sup>2</sup>
Ryy	4.64 cm

### Typical Optional Features

Option	Spec. Suffix
No Plaster Key on Base: / NP	
Plaster Key One Side: / PS	
Plaster Key Both Sides: / PSS	

MEDIUM DUTY

## Box 100-225



### Lintel Section Properties

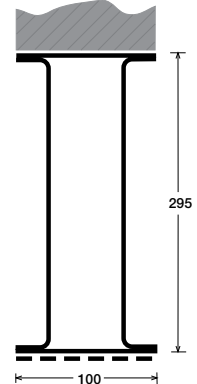
Ixx	1740.74 cm <sup>4</sup>
Zxx	142.79 cm <sup>3</sup>
Weight	18.88 kg/m
Area	24.03 cm <sup>2</sup>
Ryy	3.90 cm

### Typical Optional Features

Option	Spec. Suffix
No Plaster Key on Base: / NP	
Plaster Key One Side: / PS	
Plaster Key Both Sides: / PSS	

HEAVY DUTY

## Box 100-295



### Lintel Section Properties

Ixx	2976.72 cm <sup>4</sup>
Zxx	201.26 cm <sup>3</sup>
Weight	20.22 kg/m
Area	25.74 cm <sup>2</sup>
Ryy	3.50 cm

### Typical Optional Features

Option	Spec. Suffix
No Plaster Key on Base: / NP	
Plaster Key One Side: / PS	
Plaster Key Both Sides: / PSS	

Lintel Load Capacity Table

Opening Span	Lintel Length	Safe Load kN
600	900	40
750	1050	40
900	1200	35
1050	1350	30
1200	1500	25
1350	1650	21
1500	1800	17
1650	1950	13

Where no load is shown a heavier duty lintel is needed

Lintel Load Capacity Table

Opening Span	Lintel Length	Safe Load kN
600	900	60
750	1050	60
900	1200	60
1050	1350	60
1200	1500	60
1350	1650	60
1500	1800	50
1650	1950	50
1800	2100	50
1950	2250	40
2100	2400	40
2250	2550	40
2400	2700	40
2550	2850	30
2700	3000	30
2850	3150	25

Where no load is shown a heavier duty lintel is needed

Lintel Load Capacity Table

Opening Span	Lintel Length	Safe Load kN
600	900	95
750	1050	95
900	1200	95
1050	1350	95
1200	1500	95
1350	1650	95
1500	1800	95
1650	1950	95
1800	2100	75
1950	2250	75
2100	2400	75
2250	2550	70
2400	2700	70
2550	2850	60
2700	3000	60
2850	3150	60
3000	3300	60
3150	3450	50
3300	3600	50
3450	3750	50
3600	3900	50
3750	4050	40
3900	4200	40
4050	4350	40
4200	4500	30
4350	4650	30
4500	4800	30

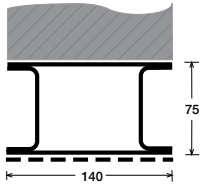
Lintel Load Capacity Table

Opening Span	Lintel Length	Safe Load kN
600	900	105
750	1050	105
900	1200	105
1050	1350	105
1200	1500	105
1350	1650	105
1500	1800	105
1650	1950	105
1800	2100	95
1950	2250	95
2100	2400	95
2250	2550	90
2400	2700	90
2550	2850	80
2700	3000	80
2850	3150	80
3000	3300	80
3150	3450	70
3300	3600	70
3450	3750	70
3600	3900	70
3750	4050	60
3900	4200	60
4050	4350	60
4200	4500	50
4350	4650	50
4500	4800	50

# Single Wall Box Lintels

LIGHT DUTY

**Box 140-75**

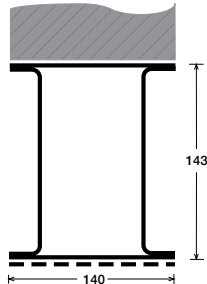


**Lintel Section Properties**

lxx	142.51 cm <sup>4</sup>
Zxx	38.00 cm <sup>3</sup>
Weight	11.45 kg/m
Area	14.96 cm <sup>2</sup>
Ryy	5.01 cm

STANDARD DUTY

**Box 140-150**

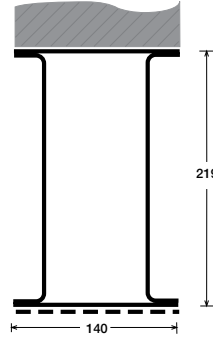


**Lintel Section Properties**

lxx	652.42 cm <sup>4</sup>
Zxx	91.25 cm <sup>3</sup>
Weight	14.94 kg/m
Area	19.02 cm <sup>2</sup>
Ryy	5.09 cm

MEDIUM DUTY

**Box 140-225**

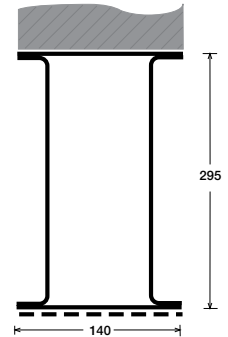


**Lintel Section Properties**

lxx	1780.00 cm <sup>4</sup>
Zxx	163.30 cm <sup>3</sup>
Weight	18.5 kg/m
Area	23.42 cm <sup>2</sup>
Ryy	5.17 cm

HEAVY DUTY

**Box 140-295**



**Lintel Section Properties**

lxx	3416.23 cm <sup>4</sup>
Zxx	231.28 cm <sup>3</sup>
Weight	22.10 kg/m
Area	28.14 cm <sup>2</sup>
Ryy	5.22 cm

**Typical Optional Features**

Option Spec. Suffix  
**No Plaster Key on Base: / NP**  
**Plaster Key One Side: / PS**  
**Plaster Key Both Sides: / PSS**

**Typical Optional Features**

Option Spec. Suffix  
**No Plaster Key on Base: / NP**  
**Plaster Key One Side: / PS**  
**Plaster Key Both Sides: / PSS**

**Typical Optional Features**

Option Spec. Suffix  
**No Plaster Key on Base: / NP**  
**Plaster Key One Side: / PS**  
**Plaster Key Both Sides: / PSS**

**Typical Optional Features**

Option Spec. Suffix  
**No Plaster Key on Base: / NP**  
**Plaster Key One Side: / PS**  
**Plaster Key Both Sides: / PSS**

Lintel Load Capacity Table

Opening Span	Lintel Length	Safe Load kN
600	900	40
750	1050	40
900	1200	35
1050	1350	30
1200	1500	25
1350	1650	21
1500	1800	17
1650	1950	15

Where no load is shown a heavier duty lintel is needed

Lintel Load Capacity Table

Opening Span	Lintel Length	Safe Load kN
600	900	60
750	1050	60
900	1200	60
1050	1350	60
1200	1500	60
1350	1650	60
1500	1800	60
1650	1950	60
1800	2100	55
1950	2250	50
2100	2400	50
2250	2550	45
2400	2700	40
2550	2850	35
2700	3000	30
2850	3150	30

Where no load is shown a heavier duty lintel is needed

Lintel Load Capacity Table

Opening Span	Lintel Length	Safe Load kN
600	900	80
750	1050	80
900	1200	80
1050	1350	80
1200	1500	80
1350	1650	80
1500	1800	80
1650	1950	80
1800	2100	80
1950	2250	80
2100	2400	80
2250	2550	70
2400	2700	70
2550	2850	60
2700	3000	60
2850	3150	60
3000	3300	60
3150	3450	60
3300	3600	50
3450	3750	50
3600	3900	50
3750	4050	50
3900	4200	40
4050	4350	40
4200	4500	35
4350	4650	35
4500	4800	35

Lintel Load Capacity Table

Opening Span	Lintel Length	Safe Load kN
600	900	100
750	1050	100
900	1200	100
1050	1350	100
1200	1500	100
1350	1650	100
1500	1800	100
1650	1950	100
1800	2100	100
1950	2250	100
2100	2400	100
2250	2550	100
2400	2700	100
2550	2850	100
2700	3000	100
2850	3150	70
3000	3300	70
3150	3450	70
3300	3600	70
3450	3750	70
3600	3900	70
3750	4050	60
3900	4200	60
4050	4350	60
4200	4500	60
4350	4650	50
4500	4800	50