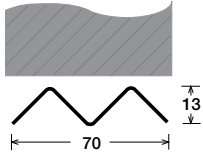


# Solid Wall Lintels - 100/140

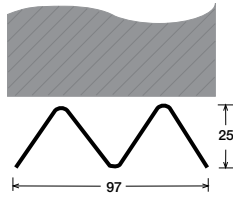
LIGHT DUTY  
**IN75**



**Lintel Section Properties**

lxx	0.30 cm <sup>4</sup>
Zxx	0.41 cm <sup>3</sup>
Weight	1.90 kg/m
Area	2.44 cm <sup>2</sup>
Ryy	1.99 cm

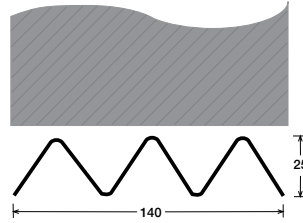
LIGHT DUTY  
**IN100**



**Lintel Section Properties**

lxx	2.43 cm <sup>4</sup>
Zxx	1.86 cm <sup>3</sup>
Weight	3.20 kg/m
Area	4.16 cm <sup>2</sup>
Ryy	2.80 cm

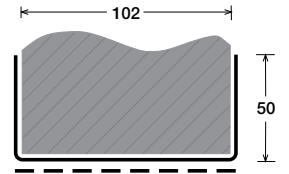
LIGHT DUTY  
**IN140**



**Lintel Section Properties**

lxx	3.56 cm <sup>4</sup>
Zxx	2.44 cm <sup>3</sup>
Weight	4.76 kg/m
Area	6.18 cm <sup>2</sup>
Ryy	40.33 cm

LIGHT DUTY  
**CH100**



**Lintel Section Properties**

lxx	14.64 cm <sup>4</sup>
Zxx	3.90 cm <sup>3</sup>
Weight	4.76 kg/m
Area	6.06 cm <sup>2</sup>
Ryy	4.08 cm

**Typical Optional Features**

Also available in other widths up to 140mm! (will have more bends)

**Typical Optional Features**

Also available to suit 115mm & 125mm walls!

**Typical Optional Features**

Also available in other widths on request!

**Typical Optional Features**

Option Spec. Suffix  
**No Plaster Key on Base: / F**  
**Plaster Key one side: / PS**  
**Plaster Key both sides: / PSS**  
 Also available for 115, 125 & 140 walls

Lintel Load Capacity Table

Opening Span	Lintel Length	Safe Load kN
600	900	5
750	1050	5
900	1200	5

Where no load is shown a heavier duty lintel is needed

Lintel Load Capacity Table

Opening Span	Lintel Length	Safe Load kN
600	900	6
750	1050	6
900	1200	6
1050	1350	6
1200	1500	4
1350	1650	4
1500	1800	4
1650	1950	4

Lintel Load Capacity Table

Opening Span	Lintel Length	Safe Load kN
600	900	6
750	1050	6
900	1200	6
1050	1350	6
1200	1500	4
1350	1650	4
1500	1800	4
1650	1950	4

Lintel Load Capacity Table

Opening Span	Lintel Length	Safe Load kN
600	900	20
750	1050	20
900	1200	20
1050	1350	20
1200	1500	20
1350	1650	16
1500	1800	10
1650	1950	10

The above total safe loads assume some composite action with the surrounding masonry (to BS 5628).

The above load capacity is achieved with an installed height of 150mm of cured masonry and the with the bearing onto the lintel completely filling the lintel with mortar.

Greater load capacities may be achieved with greater heights of masonry; the lintel should be propped until the supported masonry is fully cured.

These lintels may be produced in other widths, and the IN lintels may also be doubled-up or partly overlapped.