

# Solid Wall Lintels - 100/140

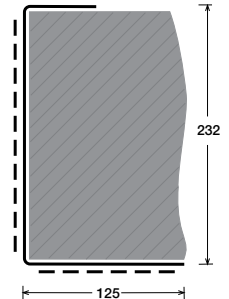
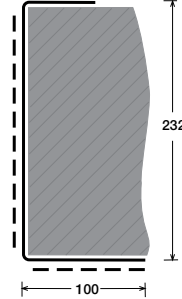
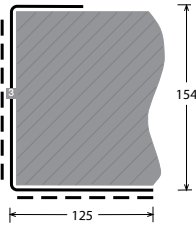
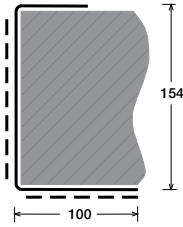
STANDARD DUTY  
**CS100**

STANDARD DUTY  
**CSE140**

MEDIUM DUTY  
**CM100**

HEAVY DUTY  
**CME140**

Supplied standard without plaster key



**Lintel Section Properties**

Ixx	400.88 cm <sup>4</sup>
Zxx	43.79 cm <sup>3</sup>
Weight	8.15 kg/m
Area	10.38 cm <sup>2</sup>
Ryy	3.02 cm

**Lintel Section Properties**

Ixx	511.78 cm <sup>4</sup>
Zxx	58.43 cm <sup>3</sup>
Weight	9.57 kg/m
Area	12.18 cm <sup>2</sup>
Ryy	3.93 cm

**Lintel Section Properties**

Ixx	932.91 cm <sup>4</sup>
Zxx	66.79 cm <sup>3</sup>
Weight	9.57 kg/m
Area	12.18 cm <sup>2</sup>
Ryy	2.86 cm

**Lintel Section Properties**

Ixx	1080.69 cm <sup>4</sup>
Zxx	77.11 cm <sup>3</sup>
Weight	10.51 kg/m
Area	13.38 cm <sup>2</sup>
Ryy	3.71 cm

**Typical Optional Features**

<i>Option</i>	<i>Spec. Suffix</i>
Plaster Key Base	Suffix /PB
Plaster Key Side	Suffix /PS

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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	15
1500	1800	15
1650	1950	15
1800	2100	15
1950	2250	14
2100	2400	13
2250	2550	12
2400	2700	10

Where no load is shown a heavier duty lintel is needed

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Opening Span	Lintel Length	Safe Load kN
600	900	20
750	1050	20
900	1200	20
1050	1350	20
1200	1500	20
1350	1650	15
1500	1800	15
1650	1950	15
1800	2100	15
1950	2250	14
2100	2400	13
2250	2550	12
2400	2700	10

Where no load is shown a heavier duty lintel is needed

Lintel Load Capacity Table

Opening Span	Lintel Length	Safe Load kN
600	900	30
750	1050	30
900	1200	30
1050	1350	30
1200	1500	30
1350	1650	25
1500	1800	25
1650	1950	24
1800	2100	20
1950	2250	20
2100	2400	20
2250	2550	17
2400	2700	16
2550	2850	15
2700	3000	15
2850	3150	14
3000	3300	13
3150	3450	12
3300	3600	12
3450	3750	9
3600	3900	9
3750	4050	9
3900	4200	9
4050	4350	9
4200	4500	9
4350	4650	9
4500	4800	9

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Opening Span	Lintel Length	Safe Load kN
600	900	30
750	1050	30
900	1200	30
1050	1350	30
1200	1500	30
1350	1650	25
1500	1800	25
1650	1950	24
1800	2100	20
1950	2250	20
2100	2400	20
2250	2550	17
2400	2700	16
2550	2850	15
2700	3000	15
2850	3150	14
3000	3300	13
3150	3450	12
3300	3600	12
3450	3750	10
3600	3900	10
3750	4050	10
3900	4200	10
4050	4350	10
4200	4500	10
4350	4650	10
4500	4800	10