

# Cavity Wall Lintel - CXL

Extreme load lintel



## Benefits

**Material used**  
Supplied in post galvanised finish. Lintels manufactured from a universal beam section and 6mm structural grade steel plate Grade S275 to BS EN 10025: 2004 and hot dip galvanised after manufacture to BS EN ISO 1461: 1999.

**Standard increment lengths**  
Overall lengths are available in 50mm increments for lengths up to 6600mm.

**Optional extra**  
As an optional extra, **CXL** lintels can be supplied with expanded metal mesh secured to the base plate.

**Load ratios**  
To achieve the loading figures shown, the lintel must be laterally restrained and have 200mm end bearing supports and inner to outer load ratios between 5:1 and 19:1.

**Separate DPC**  
A separate flexible DPC must be installed during construction.

**Note:** Allowable reaction of 66 kN for all **CXL** lintels.

Where lintels are required to support greater loads than the figures published please contact our **Technical Services Department on 029 2033 7900**

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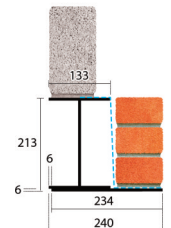
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## 50-65mm Cavity 100-115mm Inner Leaf

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### CXL240

Standard lengths (mm)	2100-3000	3300-4800	5100	5400	5700	6000	6300	6600
SWL 5:1/19:1 (kN)	88	83	78	71	64	56	52	47
Weight (kg/m)	41.1	lxx (cm <sup>2</sup> ) 4051	Zxx (cm <sup>3</sup> ) 303	Serviceability moment (kNm) 50.0				

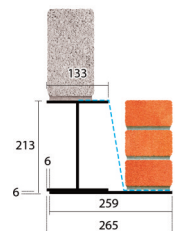


## 70-85mm Cavity 100-115mm Inner Leaf

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### CXL265

Standard lengths (mm)	2100-3000	3300-4800	5100	5400	5700	6000	6300	6600
SWL 5:1/19:1 (kN)	88	83	78	71	64	56	52	47
Weight (kg/m)	42.3	lxx (cm <sup>2</sup> ) 4139	Zxx (cm <sup>3</sup> ) 305	Serviceability moment (kNm) 50.3				

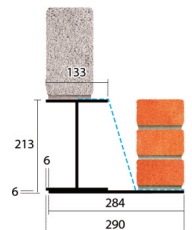


## 90-105mm Cavity 100-115mm Inner Leaf

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### CXL290

Standard lengths (mm)	2100-3000	3300-4800	5100	5400	5700	6000	6300	6600
SWL 5:1/19:1 (kN)	88	83	78	71	64	56	52	47
Weight (kg/m)	43.5	lxx (cm <sup>2</sup> ) 4222	Zxx (cm <sup>3</sup> ) 307	Serviceability moment (kNm) 50.6				

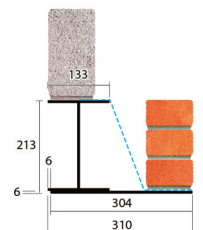


## 110-125mm Cavity 100-115mm Inner Leaf

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### CXL310

Standard lengths (mm)	2100-3000	3300-4800	5100	5400	5700	6000	6300	6600
SWL 5:1/19:1 (kN)	88	83	78	71	64	56	52	47
Weight (kg/m)	44.3	lxx (cm <sup>2</sup> ) 4285	Zxx (cm <sup>3</sup> ) 310	Serviceability moment (kNm) 50.8				

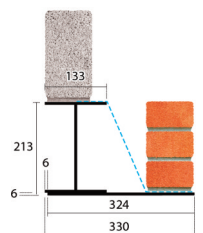


## 130-145mm Cavity 100-115mm Inner Leaf

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### CXL330

Standard lengths (mm)	2100-3000	3300-4800	5100	5400	5700	6000	6300	6600
SWL 5:1/19:1 (kN)	88	83	78	71	64	56	52	47
Weight (kg/m)	45.3	lxx (cm <sup>2</sup> ) 4346	Zxx (cm <sup>3</sup> ) 311	Serviceability moment (kNm) 51.0				

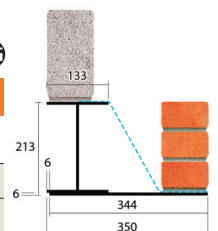


## 150-165mm Cavity 100-115mm Inner Leaf

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### CXL350

Standard lengths (mm)	2100-3000	3300-4800	5100	5400	5700	6000	6300	6600
SWL 5:1/19:1 (kN)	88	83	78	71	64	56	52	47
Weight (kg/m)	46.2	lxx (cm <sup>2</sup> ) 4404	Zxx (cm <sup>3</sup> ) 312	Serviceability moment (kNm) 51.1				



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