

# Technical Data Sheet

# ACS Single Leaf Lintels

- ✓ **BS EN 845-2 Design**
- ✓ **BS EN 846-9 Testing**
- ✓ **PD 6697 Specification**
- ✓ **Austenitic Stainless Steel**  
- Grade 304 (1.4301) or 316 (1.4404)
- ✓ **CE Marked**
- ✓ **Independently Tested**
- ✓ **Standard Range**

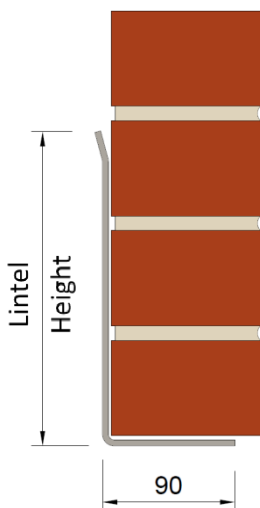


## Technical Data

The ACS Single Leaf Lintel Range is designed to carry a single leaf of masonry, typically the external leaf of a cavity wall. The lintel should be propped during construction to achieve the safe working load capacities declared in the design tables below. A separate DPC is required above the lintel. Wall ties should be installed within 300mm of the lintel at a maximum of 450mm centres to ensure that the masonry carried by the lintel is restrained and any potential overturning and deflection is minimised.

The standard lintel range is supplied 150mm incremental lengths. Lintels of alternative lengths and load capacities outside of the details provided in the tables below can be designed and supplied to meet with project specific requirements. Lintels should be selected to ensure that a minimum of 150mm bearing either side of the opening is always achieved.

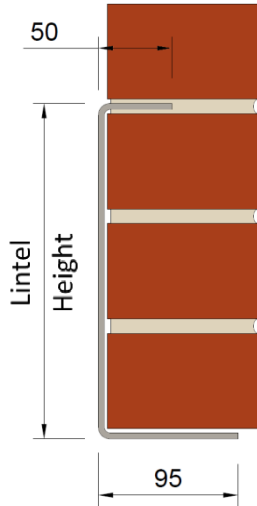
## Standard Duty 'L' Section Lintel



	L1 Section Lintels			
Standard Lengths (mm)	600-1200	1201-1500	1501-2100	2101-3000
<b>Total UDL (kN)</b>	<b>3.4</b>	<b>4.6</b>	<b>6.2</b>	<b>11.5</b>
Lintel Height (mm)	88	131	167	215
Weight / Metre (kg)	2.90	3.58	4.16	4.93

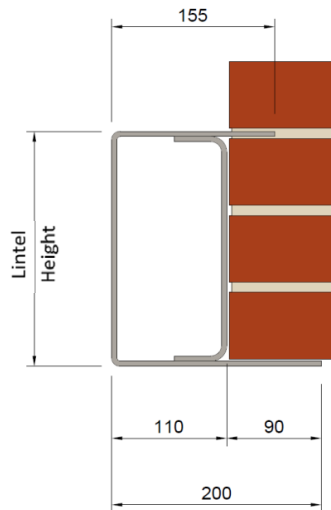
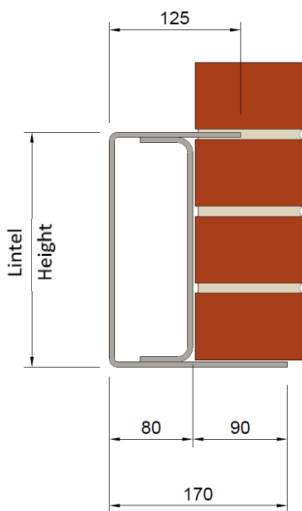
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## Heavy Duty 'C' Section Lintel



C1 Section Lintels						
Standard Lengths (mm)	600-1200	1201-1500	1501-2100	2101-3000	3001-3900	3901-4500
<b>Total UDL (kN)</b>	<b>8.6</b>	<b>16.0</b>	<b>16.0</b>	<b>16.0</b>	<b>20.0</b>	<b>20.0</b>
Lintel Height (mm)	154	229	229	229	229	229
Weight / Metre (kg)	3.59	4.28	4.86	5.63	8.38	11.10

## Extra Heavy Duty 'C2' Section Lintel



C2 XHD Section Lintels		
Standard Lengths (mm)	5000	5000
<b>Total UDL (kN)</b>	<b>72.9</b>	<b>88.8</b>
Lintel Height (mm)	229	229
Weight / Metre (kg)	23.3	25.2

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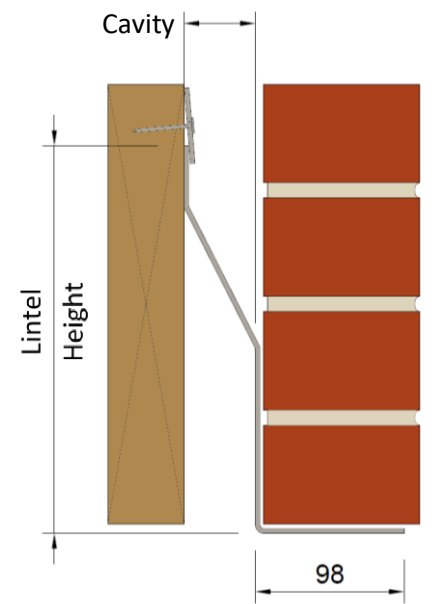
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# Technical Data Sheet

## Timber Frame Lintels



Timber Frame Lintels		
Standard Lengths (mm)	600-3000	3001-4500
Lintel Height @ 47mm Cavity Size (mm)	183	256
<b>Total UDL (kN)</b>	<b>20</b>	<b>18</b>
Weight / Metre (kg)	6.95	8.71
Lintel Height @ 67mm Cavity Size (mm)	187	265
<b>Total UDL (kN)</b>	<b>20</b>	<b>17</b>
Weight / Metre (kg)	7.27	9.13
Lintel Height @ 90mm Cavity Size (mm)	200	271
<b>Total UDL (kN)</b>	<b>21</b>	<b>15</b>
Weight / Metre (kg)	8.06	9.57

To achieve the loads provided in the table above timber frame lintels must be restrained using the restraint clips provided at a maximum of 450mm horizontal centres to prevent lateral deflection through twisting.

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