



HD90

GALLERY

PRODUCT INFORMATION

HD90

Heavy Duty Cavity Wall Lintel

Cavity: 90-105mm Outer Leaf: 100mm Inner Leaf: 100mm **Must have solid, fully jointed blockwork infill to inner leaf.** **Features**

- We are the only lintel manufacturer to hot-dip galvanize after fabrication providing up to 50% more zinc protection than other approved coatings.
- Supergalv coating offers superior life expectancy
- Our standard cavity lintels deliver up to 55% improvement on SAP default value in thermal bridging.

Length	750-1800	1950-2400	2550-2700	2850-3000	3150-3600	3750-4200	4350-4800	4950-5100
L (kN)	70	60	60	55	45	40	35	25
W (kg/m)	14.8	14.8	17.6	17.6	17.6	17.6	17.6	17.6

Length	750-1800	1950-2400	2550-2700	2850-3000	3150-3600	3750-4200	4350-4800	4950-5400
H (mm)	231	231	232	232	232	232	232	232

(L) Load SWL/UDL value (W) Weight (H) Height

PRODUCT ATTRIBUTES

Brand	Birtley
Generic Ref	HD90
Product Range	Cavity Wall Lintels
Product Sub-range	90-105mm Cavity
Product Type	Heavy Duty Cavity Wall Lintel - 100mm Inner leaf/100mm Outer Leaf
European Standard/ETA	BS EN845-2:2013+A1:2016
Test Standard	EN846-9:2000/2016
Notified Body	Lucideon Ltd (NB 1289)
Material	Mild Steel S275JR to BS EN10025-2:2004
Coating/Finish/Colour	65µm Hot Dip Galvanized to BS EN ISO 1461:2009
Thermal Performance	Contact us for information
Insulation	Expanded Polystyrene - BREEAM rating A+
Fire Rating	60 mins (with 2 coat plaster finish)
1. Installation requirement	Bed fully on bricklaying mortar
2. Installation requirement	Must be used with a cavity tray - External walls only
4. Installation requirement	150mm Minimum end bearing
Sales Qty	1
Packaging weight	0
1. Features	Supergalv coating offers superior life expectancy
2. Features	Post-fabrication galvanizing leaves no surface with inferior paint protection
3. Features	Lack of baseplate and factory fitted insulation reduces thermal bridging
4. Features	Structural grade steel to EN10025
5. Features	Plaster key to inner leaf
Option 1	Alternative material options: Ultragalv coating (150µm), Stainless Steel 1.4301 (304)
Option 2	Outer Leaf Options: Reduced length flange (RFF), No rainwater drip (ND), Render mesh (MF)
Option 3	Inner Leaf Options: No plaster key (NM), Closer plate (CP)

