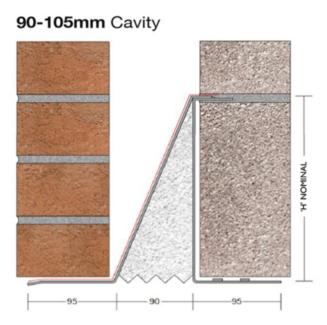


## **HD90**

**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	750-18 00	1950-24 00	2550-27 00	2850-30 00	3150-3 600		4350-4 800	4950-5 100
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	750-18	1950-24	2550-27	2850-30	3150-3	3750-4	4350-4	4950-5
	00	00	00	00	600	200	800	100
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 1.430 (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)			

