



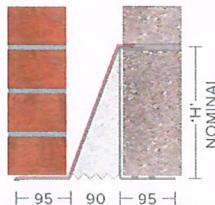
HD90

GALLERY

HD90

HEAVY DUTY

Must have solid, fully jointed blockwork infill to inner leaf.



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
H (mm)	231	231	232	232	232	232	232	232

(L) Load SWL (W) Weight (H) Height

PRODUCT ATTRIBUTES

Brand	Birtley
Generic Ref	HD90
Product Range	Cavity Wall Lintels
Product Sub-range	90-105mm Cavity
Product Sub-range	Heavy Duty Cavity Wall Lintel - 100mm Inner leaf/100mm Outer Leaf
European Standard/ETA	BS EN845-2:2013+A1:2016/BS EN1090-1:2009+A1:2011
Test Standard	EN846-9:2000/2016
Notified Body	Lucideon Ltd (NB 1289)/USWCS (NB 1679)
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)
Installation requirement 1	Bed fully on bricklaying mortar
Installation requirement 2	Must be used with a cavity tray - External walls only
Installation requirement 3	Must have solid, fully jointed blockwork infill to inner leaf
Installation	150mm Minimum end bearing

requirement 4	
Sales Qty	1
Packaging weight	0
Features/Benefits 1	Supergalv coating offers superior life expectancy
Features/Benefits 2	Post-fabrication galvanizing leaves no surface with inferior paint protection
Features/Benefits 3	Lack of baseplate and factory fitted insulation reduces thermal bridging
Features/Benefits 4	Structural grade steel to EN10025
Features/Benefits 5	Plaster key to inner leaf
Options 1	Alternative material options: Ultragalv coating (150µm), Stainless Steel 1.4301 (304)
Options 2	Outer Leaf Options: Reduced length flange (RFF), No rainwater drip (ND), Render mesh (MF)
Options 3	Inner Leaf Options: No plaster key (NM), Closer plate (CP)