



SB100HD

GALLERY

PRODUCT INFORMATION

SB100HD

Heavy Duty - Heavy Duty Internal Wall Box Lintel

Loadbearing Walls - Internal block walls (plastered) Cavity: 100mm *Insulated version available.*

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
- Post-fabrication galvanizing leaves no surface with inferior paint protection

Length	750-1500	1650-270	2850-360	3750-450	4650-480	4950-510
	0	0	0	0	0	0
L (kN)	25	40	45	40	35	30
W (kg/m)	6.7	10.8	15.1	18.5	18.5	18.5
H (mm)	142	215	215	290	290	290

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

PRODUCT ATTRIBUTES

Brand	Birtley
Generic Ref	SB100HD
Product Range	Single Leaf Internal Walls
Product Type	Heavy Duty Internal Wall Box Lintel - 100mm Block
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	OPTIONAL - 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
3. 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	Structural grade steel to EN10025
Option 1	Alternative material options: Ultragalv coating (150µm), Stainless Steel 1.4301 (304)
Option 2	Add Insulation (INS)