



# SB100

GALLERY

## PRODUCT INFORMATION

### SB100

#### Standard Duty - Internal Wall Box Lintel

Loadbearing Walls - Intenal 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 | 1650-1800 | 1950-2700 | 2850-3600 | 3750-4500 | 4650-4800 | 4950-5100 |
|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| L (kN)   | 15       | 20        | 20        | 25        | 30        | 28        | 24        |
| W (kg/m) | 4.9      | 6.7       | 8.3       | 10.8      | 13        | 13        | 13        |
| H (mm)   | 76       | 142       | 144       | 215       | 215       | 215       | 215       |

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

PRODUCT ATTRIBUTES

|                             |                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------|
| Brand                       | Birtley                                                                               |
| Generic Ref                 | SB100                                                                                 |
| Product Range               | Single Leaf Internal Walls                                                            |
| Product Type                | Standard 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)                                                                  |