



HDX90

GALLERY

PRODUCT INFORMATION

HDX90

Extra Heavy Duty 90mm 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
- Birtley lintels have been tested to BS 476-20:1987 to determine the fire resistance

| Length | 750-2100 | 2250-3300 | 3450-4200 | 4350-4800 | 4950-5100 |
|----------|----------|-----------|-----------|-----------|-----------|
| L (kN) | 100 | 80 | 70 | 60 | 45 |
| W (kg/m) | 23.3 | 23.3 | 23.3 | 23.3 | 23.3 |
| H (mm) | 236 | 236 | 236 | 236 | 236 |

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

PRODUCT ATTRIBUTES

| | |
|------------------------------------|-------------------------------------------------------------------------------------------|
| Brand | Birtley |
| Generic Ref | HDX90 |
| Product Range | Cavity Wall Lintels |
| Product Sub-range | 90-105mm Cavity |
| Product Type | Extra 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 |
| 3. Installation requirement | Not suitable for point loads or concrete floors |
| 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) |