



# MD150

GALLERY

## PRODUCT INFORMATION

### MD150

#### Medium Duty Cavity Wall Lintel

Cavity: 150-165mm Outer Leaf: 100mm Inner Leaf: 100mm **Must have a solid, fully jointed blockwork infill to inner leaf.** **Features**

- Supergalv coating offers superior life expectancy
- Post-fabrication galvanizing leaves no surface with inferior paint protection
- Birtley lintels have been tested to BS 476-20:1987 to determine the fire resistance

| Length   | 750-1800 | 1950-3000 | 3150-3900 |
|----------|----------|-----------|-----------|
| L (kN)   | 35       | 35        | 25        |
| W (kg/m) | 10.4     | 14.3      | 14.3      |
| H (mm)   | 154      | 156       | 156       |

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

## PRODUCT ATTRIBUTES

|                                    |   |
|------------------------------------|---|
| <b>Brand</b>                       | Birtley   |
| <b>Generic Ref</b>                 | MD150   |
| <b>Product Range</b>               | Cavity Wall Lintels   |
| <b>Product Sub-range</b>           | 150-165mm Cavity  |
| <b>Product Type</b>                | Medium Duty Cavity Wall Lintel - 100mm Inner leaf/100mm Outer Leaf                        |
| <b>European Standard/ETA</b>       | BS EN845-2:2013+A1:2016   |
| <b>Test Standard</b>               | EN846-9:2000/2016   |
| <b>Notified Body</b>               | Lucideon Ltd (NB 1289)  |
| <b>Material</b>                    | Mild Steel S275JR to BS EN10025-2:2004  |
| <b>Coating/Finish/Colour</b>       | 65µm Hot Dip Galvanized to BS EN ISO 1461:2009  |
| <b>Thermal Performance</b>         | Contact us for information  |
| <b>Insulation</b>                  | Expanded Polystyrene - BREEAM rating A+   |
| <b>Fire Rating</b>                 | 60 mins (with 2 coat plaster finish)  |
| <b>1. Installation requirement</b> | Bed fully on bricklaying mortar   |
| <b>2. Installation requirement</b> | Must be used with a cavity tray - External walls only                                     |
| <b>3. Installation requirement</b> | Not suitable for point loads or concrete floors   |
| <b>4. Installation requirement</b> | 150mm Minimum end bearing   |
| <b>Sales Qty</b>                   | 1   |
| <b>Packaging weight</b>            | 0   |
| <b>1. Features</b>                 | Supergalv coating offers superior life expectancy   |
| <b>2. Features</b>                 | Post-fabrication galvanizing leaves no surface with inferior paint protection             |
| <b>3. Features</b>                 | Lack of baseplate and factory fitted insulation reduces thermal bridging                  |
| <b>4. Features</b>                 | Structural grade steel to EN10025   |
| <b>5. Features</b>                 | Plaster key to inner leaf   |
| <b>Option 1</b>                    | Alternative material options: Ultragalv coating (150µm), Stainless Steel 1.4301 (304)     |
| <b>Option 2</b>                    | Outer Leaf Options: Reduced length flange (RFF), No rainwater drip (ND), Render mesh (MF) |
| <b>Option 3</b>                    | Inner Leaf Options: No plaster key (NM), Closer plate (CP)                                |