



# Declaration of Performance

EU Regulation No 305/2011, Annex III

**DOP Number:** 372  
**Product type:** BE 140-150  
**Intended use:** To be used in walls and partitions, as an ancillary components for masonry  
*(BSEN 1993-1-3 Structural Class III, intended to be used as a element that only transfers loads to the structure)*

**Revision:** a

**Manufacturer:**  
 Harvey Steel Lintels  
 Commerce way, Whitehall Industrial Estate  
 Colchester, Essex CO2 8HH

**The Notified Testing Laboratory:**  
 University of Glamorgan Commercial Services Centre for Engineering,  
 Research and Environmental Applications (CEREA)  
 Llantwit Road, Treforest Pontypridd, CF37 1DL

**Assessment and Verification of Constancy of Performance:** System 3

This DOP is covered by following harmonised standard:  
 Manufactured according to the requirements of the European Harmonised Standard EN 845-2: 2003 and fulfil the conditions for UKAS Marking in accordance with annex ZA of EN 845-2: 2003.  
 European Harmonised Standard EN 1090-1 :2009+A1:2011 and fulfil the conditions for UKAS Marking in accordance with annex ZA of EN 1090-1:2009  
 The conformity assessment was executed in accordance with the method stated in tables ZA.2 and ZA.3 of the above standards. Factory Production Control Certificate GB16/871495 refers

**Declared Performance:**

| Essential Characteristics              | Performance   |
|--|---|
| Load Bearing Capacity ( $E_k$ , in kN) | Given in TableA1 as safe working loads (SWL) under uniform distributed loading (UDL)                    |
| Deflection Under Load                  | Less than effective span/325 as safe working load in service limit state (EN 1990: 2002 + A1 ; 2005 NA) |
| Water Absorption                       | Zero  |
| Water Vapour Permeability              | Not Applicable  |
| Thermal Resistance                     | Steel 64 W / m.k  |
| Resistance to Fire                     | NPD (Contact Harvey steel for project specific details) document A                                      |
| Durability (against corrosion)         | Coating L14   |
| Durability (against freeze/thaw)       | Resistant   |
| Dangerous Substance                    | None  |
| Minimum Bearing Length (mm)            | 150 mm  |

**hEN**  
 EN 845 - 2 : 2012, Specification for ancillary components for masonry - Part 2: Lintels

| Clear Opening span (mm) | SWL UDL (kN) |
|-------------------------|--------------|
| 600                     | 60           |
| 750                     | 60           |
| 900                     | 60           |
| 1050                    | 60           |
| 1200                    | 60           |
| 1350                    | 60           |
| 1500                    | 60           |
| 1650                    | 60           |
| 1800                    | 55           |
| 1950                    | 50           |
| 2100                    | 50           |
| 2250                    | 45           |
| 2400                    | 40           |
| 2550                    | 35           |
| 2700                    | 30           |
| 2850                    | 30           |
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|---------------------------------|-------|
| Nominal Height (mm)             | 143.0 |
| Mass per unit area ( $kg/m^2$ ) | NPD   |
| Mass (kg/m)                     | 15.4  |
| Load Ratio                      | -     |

**Note:**

Issued under the sole responsibility of Harvey steel Lintels

Signed on behalf of the manufacturer by :  
 Harvey Steel 01.01.2025  
 (Place and date of issue)

Michael Polley (General Manager)