



# Declaration of Performance

EU Regulation No 305/2011, Annex III

**DOP Number:** 380

**Revision:** a

**Product type:** CM 100

**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)

**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 <sub>k</sub> , 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  |

|   |       |
|---|-------|
| Nominal Height (mm)                     | 232.0 |
| Mass per unit area (kg/m <sup>2</sup> ) | NPD   |
| Mass (kg/m)                             | 9.6   |
| Load Ratio                              | -     |

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

| TableA1:<br>Load bearing capacity |              |
|-----------------------------------|--------------|
| Clear Opening span (mm)           | SWL UDL (kN) |
| 600                               | 30           |
| 750                               | 30           |
| 900                               | 30           |
| 1050                              | 30           |
| 1200                              | 30           |
| 1350                              | 25           |
| 1500                              | 25           |
| 1650                              | 24           |
| 1800                              | 20           |
| 1950                              | 20           |
| 2100                              | 20           |
| 2250                              | 17           |
| 2400                              | 16           |
| 2550                              | 15           |
| 2700                              | 15           |
| 2850                              | 14           |
| 3000                              | 13           |
| 3150                              | 12           |
| 3300                              | 12           |
| 3450                              | 9            |
| 3600                              | 9            |
| 3750                              | 9            |
| 3900                              | 9            |
| 4050                              | 9            |
| 4200                              | 9            |
| 4350                              | 9            |
| 4500                              | 9            |

**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)