

## **Declaration of Performance**

EU Regulation No 305/2011, Annex III

DOP Number: 376 Revison: a

Product type: IN140

Intended use: : To be used in walls and partitions, as an ancillar 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)                            | 25.0   |  |
| Mass per unit area (kg/m²)                     | NPD  |  |
|  |  |  |

| Nominal Height (mm)        | 25.0 |
|----------------------------|------|
| Mass per unit area (kg/m²) | NPD  |
| Mass (kg/m)                | 4.8  |
| Load Ratio                 | -    |

| hEN  | ı  |
|--|----|
|  |    |
| for ancillary components for                   |    |
| pecification in tels                           | 20 |
| EN 845 - 2 : 2012, Sp<br>masonary - Part 2· Li |    |

| 1200 | 4 |
|------|---|
| 1350 | 4 |
| 1500 | 4 |
| 1650 | 4 |
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |
|      |   |

TableA1:

span (mm)

Clear Opening

750

900

1050

Load bearing capacity

SWL UDL

6

6

(kN)

## 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)

Delay