# Declaration of Performance

EU Regulation No 305/2011, Annex III

DOP Number: 378 Revison: a

Product type: CS 100

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 ($E_k$, 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 |

| | |
|---|---|
| Nominal Height (mm) | 154.0 |
| Mass per unit area (kg/m$^2$) | NPD |
| Mass (kg/m) | 8.2 |
| Load Ratio | - |

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

**TableA1: Load bearing capacity**

| Clear Opening span (mm) | SWL UDL (kN) |
|---|---|
| 600 | 20 |
| 750 | 20 |
| 900 | 20 |
| 1050 | 20 |
| 1200 | 20 |
| 1350 | 15 |
| 1500 | 15 |
| 1650 | 15 |
| 1800 | 15 |
| 1950 | 14 |
| 2100 | 13 |
| 2250 | 12 |
| 2400 | 10 |
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**Note:**

Issued under the sole responsibility of Harvey steel Lintels

Signed on behalf of the manufacturer by : Michael Polley (General Manager)

Harvey Steel 01.01.2025

(Place and date of issue)