

## **Declaration of Performance**

EU Regulation No 305/2011, Annex III

DOP Number: 543 Revison: a

Product type: DC15

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 (Ek, 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 Steel 64 W / m.k Thermal Resistance Resistance to Fire NPD (Contact Harvey steel for project specific details) document A Coating L14 Durability (against corrosion) Durability (against freeze/thaw) Resistant Dangerous Substance None 150 mm Minimum Bearing Length (mm)

Nominal Height (mm)	157.0
Mass per unit area (kg/m²)	NPD
Mass (kg/m)	14.4-15.8
Load Ratio	-

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

Clear Opening span (mm)	SWL UDL (kN)
600	52.3
750	52.3
900	52.3
1050	52.3
1200	52.3
1350	52.3
1500	47.5
1650	43.5
1800	40.2
1950	37.3
2100	34.8
2250	32.7
2400	30.7
2550	29
2700	27
2850	24.2
3000	21.8
3150	19.8
3300	18
3450	16.5
3600	15.2
3750	14

TableA1:

Load bearing capacity

## 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)

The Day