

## **Declaration of Performance**

EU Regulation No 305/2011, Annex III

DOP Number: 229 Revison: a

Product type: HD4 150

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 Minimum Bearing Length (mm) 150 mm

Nominal Height (mm)	310.0
Mass per unit area (kg/m²)	NPD
Mass (kg/m)	53.0
Load Ratio	1:1 - 1:19

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ents for		
5 - 2:2012, Specification for ancillary components for		
cification for a	els	
2:2012, Spec	- Part 2: Linte	
EN 845 - 2	masonary	

Clear Opening span (mm)	SWL UDL (kN)
600	165
900	165
1200	165
1500	165
1800	165
2100	165
2400	165
2700	165
3000	165
3300	158
3600	145
3900	135
4200	125
4500	117
4800	110
5100	104

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)

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