

## **Declaration of Performance**

EU Regulation No 305/2011, Annex III

DOP Number: 322 Revison: a

Product type: HD4 250

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)	61.6
Load Ratio	1:1 - 1:19

hEN		
for		
omponents		
ancillary co		
or ر		
EN 845 - 2:2012, Specification for ancillary components for	Lintels	
2:2012,	masonary - Part 2: Lintels	
EN 845 -	masonar	

Clear Opening span (mm)	SWL UDL (kN)
600	228
900	228
1200	228
1500	228
1800	228
2100	228
2400	228
2700	228
3000	228
3300	208
3600	191
3900	177
4200	165
4500	154
4800	145
5100	136

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