

Declaration of Performance

EU Regulation No 305/2011, Annex III

<u>DOP Number:</u> 559 <u>Revison: a</u>

Product type: OL14

 $\underline{\text{Intended use:}}: \quad \text{To be used in walls and partitions, as an ancillar components for masonry}$

(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)	131-157
Mass per unit area (kg/m²)	NPD
Mass (kg/m)	4-4.3
Load Ratio	-

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	10
750	10
900	10
1050	10
1200	10
1350	9.9
1500	9
1650	8.2
1800	7.6
1950	7.1
2100	6.6
225	6.2
2400	5.8
2550	5.4
2700	4.8
2850	4.3

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)

Thay