

Declaration of Performance

EU Regulation No 305/2011, Annex III

DOP Number: 307 Revison: a

Product type: EAL6 100EE

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 NPD (Contact Harvey steel for project specific details) document A Resistance to Fire Coating L14 Durability (against corrosion) Durability (against freeze/thaw) Resistant Dangerous Substance None 150 mm Minimum Bearing Length (mm)

Nominal Height (mm)	238.0
Mass per unit area (kg/m²)	NPD
Mass (kg/m)	68.5
Load Ratio	1:1 - 1:19

	Clear Opening span (mm)	SWL UDL (kN)
	600	189
	900	189
	1200	189
	1500	189
	1800	189
	2100	189
	2400	189
	2700	189
	3000	189
	3300	172
ı	3600	159
ı	3900	147
ı	4200	137
ı	4500	123
ı	4800	108
l	5100	96
ı		
ı		
l		
l		
l		
ı		
ı		
I		
		·

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