

Declaration of Performance

EU Regulation No 305/2011, Annex III

DOP Number: 228 Revison: a

Product type: EAL6 60

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)	238.0
Mass per unit area (kg/m²)	NPD
Mass (kg/m)	61.2
Load Ratio	1:1 - 1:19

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

Clear Opening span (mm)	SWL UDL (kN)
600	183
900	183
1200	183
1500	183
1800	183
2100	183
2400	183
2700	183
3000	183
3300	167
3600	154
3900	142
4200	123
4500	107
4800	95
5100	84

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