

Declaration of Performance

EU Regulation No 305/2011, Annex III

DOP Number: 510 Revison: a

Product type:

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 (E _k , in kN)	Given in TableA1 as safe working loads (SWL) under uniform distribute 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)	70.0	
Mass per unit area (kg/m²)	NPD	
Mana (kaylar)		

Nominal Height (mm)	
Nominal Height (mm)	70.0
Mass per unit area (kg/m²)	NPD
Mass (kg/m)	2.5-3.3
Load Ratio	-

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

	1200	0.8
	1350	0.6
	1500	0.5
1		
1		
J		

TableA1:

span (mm)

Clear Opening

750

900

1050

Load bearing capacity

SWL UDL

2

1.7

1.3

(kN)

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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