

Declaration of Performance

EU Regulation No 305/2011, Annex III

 DOP Number:
 302

 Product type:
 SC100EEa

 Intended use:
 To be used

<u>Revison: a</u>

TableA1:

Clear Opening

600

750

900

1050

1200

1350

1500

1650

1800

1950

2100

2250

2400

2550

span (mm)

Load bearing capacity

SWL UDL

30

30

30

30

30

30

27

24

23

21

20

18

17

16

(kN)

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:

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Essential Characteristics	Performance	hEN	
Load Bearing Capacity (E _k , in kN)	Given in TableA1 as safe working loads (SWL) under uniform distributed		
	loading (UDL)	<u> </u>	
Deflection Under Load	Less than effective span/325 as safe working load in service limit state	s fo	
	(EN 1990: 2002 + A1 ; 2005 NA)	nent	
Water Absorption	Zero	odu	
Water Vapour Permeability	Not Applicable	col	
Thermal Resistance	Steel 64 W / m.k	llary	
Resistance to Fire	NPD (Contact Harvey steel for project specific details) document A	anci	
Durability (against corrosion)	Coating L14	Specification for ancillary components for Lintels	
Durability (against freeze/thaw)	Resistant	atior	
Dangerous Substance	None	cific els	
Minimum Bearing Length (mm)	150 mm		
		1 S.	
Nominal Height (mm)	122.0	: 201: Part	
Mass per unit area (kg/m ²)	NPD	ary -	
Mass (kg/m)	26.1	EN 845 - 2 masonary	
Load Ratio	1:1 - 1:5	EN ma:	

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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