

## **Declaration of Performance**

EU Regulation No 305/2011, Annex III

DOP Number: 215 Product type: SC50EEa Intended use: :

Revison: a

TableA1:

span (mm)

Clear Opening

600

750

900

1050

1200

1350

1500

1650

Load bearing capacity

SWL UDL

30

30

30

30

28

26

24

22

20

19

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:			1800
Essential Characteristics	Performance	hEN	1950
Load Bearing Capacity ( $E_k$ , in kN)	Given in TableA1 as safe working loads (SWL) under uniform distributed loading (UDL)		2100
Deflection Under Load	Less than effective span/325 as safe working load in service limit state (EN 1990: 2002 + A1 ; 2005 NA)	Specification for ancillary components for Lintels	
Water Absorption	Zero	Iodu	
Water Vapour Permeability	Not Applicable	cor	
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	for	
Durability (against freeze/thaw)	Resistant	atior	
Dangerous Substance	None	els	
Minimum Bearing Length (mm)	150 mm		
		2012, <sup>5</sup> art 2:	
Nominal Height (mm)	133.0	—	
Mass per unit area (kg/m²)	NPD	- 2 ary -	
Mass (kg/m)	19.1	EN 845 - 2 masonary	
Load Ratio	1:1 - 1:19	EN mas	

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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