

Declaration of Performance

EU Regulation No 305/2011, Annex III

518

DOP Number: Product type:

Intended use: :

SC23 UNRESTRAINED

<u>Revison: a</u>

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

Decla	red	F	Perfo	mano	ce:	

Essential Characteristics	Performance		
Load Bearing Capacity (E_k , 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)	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	cific els	
Minimum Bearing Length (mm)	150 mm		
		: 2012, Part 2:	
Nominal Height (mm)	232.0		
Mass per unit area (kg/m ²)	NPD	5 - 2 ary -	
Mass (kg/m)	8.6-9.5	EN 845 - 3 masonary	
Load Ratio	-	ma:	

TableA1: Load bearing capacity Clear Opening SWL UDL (kN) span (mm) 600 13.1 750 12.2 900 9 1050 6.9 1200 54 1350 4.4 1500 3.6 1650 3.1 1800 2.6 1950 2.2 2100 2

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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