



Declaration of Performance

EU Regulation No 305/2011, Annex III

DOP Number: OL14

Revision:

Product type: 559

Intended use: : To be used in walls and partitions, as an ancillary 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 CE Marking in accordance with annex ZA of EN 845-2: 2003.
The conformity assessment was executed in accordance with the method stated in tables ZA.2 and ZA.3

Declared Performance:

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/360 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)	Material Coating reference L4h
Durability (against freeze/thaw)	Resistant
Dangerous Substance	None
Minimum Bearing Length (mm)	150 mm

Nominal Height (mm)	151.0
Mass per unit area (kg/m ²)	NPD
Mass (kg/m)	4.0
Load Ratio	-

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

TableA1:
Load bearing capacity

Clear Opening span (mm)	SWL UDL (kN)
600	10
750	10
900	10
1050	10
1200	10
1350	9.9
1500	9
1650	8.2
1800	7.6
1950	7.1
2100	6.6
2250	6.2
2400	5.8
2550	5.4
2700	4.8
2850	4.3
3000	
3150	
3300	
3450	
3600	
3750	
3900	
4050	
4200	
4350	
4500	

Note:

Issued under the sole responsibility of Harvey steel Lintels

Signed on behalf of the manufacturer by :

Harvey Steel 01.07.2013

(Place and date of issue)

David Harvey (Managing director)

(Signature)