



Declaration of Performance

EU Regulation No 305/2011, Annex III

DOP Number: OC32

Revision:

Product type: 578

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)	Coating L14
Durability (against freeze/thaw)	Resistant
Dangerous Substance	None
Minimum Bearing Length (mm)	150 mm

Nominal Height (mm)	320.0
Mass per unit area (kg/m ²)	145.0
Mass (kg/m)	46.4
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	164.5
750	164.5
900	164.5
1050	164.5
1200	164.5
1350	164.5
1500	164.5
1650	164.5
1800	164.5
1950	164.5
2100	164.5
2250	164.5
2400	164.5
2550	164.5
2700	164.5
2850	164.5
3000	164.5
3150	164.5
3300	164.5
3450	164.5
3600	164.5
3750	164.5
3900	164.5
4050	164.5
4200	158.8
4350	153.5
4500	148.6

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)