



Declaration of Performance

EU Regulation No 305/2011, Annex III

DOP Number: CC22

Revision:

Product type: 507

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)	242.0
Mass per unit area (kg/m ²)	NPD
Mass (kg/m)	11.5
Load Ratio	65 - 100% Max load: 1:2 - 1:14 or <65% Max load 2:1 - 1:19

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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)
1200	43.1
1350	43.1
1500	43.1
1650	43.1
1800	43.1
1950	43.1
2100	43.1
2250	43.1
2400	43.1
2550	43.1
2700	43.1
2850	40.8
3000	38.8
3150	37.1
3300	35.5
3450	34
3600	31.3
3750	28.8
3900	26.7
4050	24.7
4200	23
4350	21.4
4500	20

Note:

Issued under the sole responsibility of Harvey steel Lintels

Signed on behalf of the manufacturer by :

David Harvey (Managing director)

Harvey Steel 01.07.2013

(Place and date of issue)

(Signature)