



Declaration of Performance

EU Regulation No 305/2011, Annex III

DOP Number: SLB10 Revision:
Product type: 532
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)	110.0
Mass per unit area (kg/m^2)	NPD
Mass (kg/m)	2.4
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	Maximum Allowable Fastener
750	recommended Fastener
900	recommended Fastener
1050	maximum
1200	As a loading example we

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)