



Declaration of Performance

EU Regulation No 305/2011, Annex III

DOP Number: 310

Revision: a

Product type: SC125B

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 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

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/325 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)	225.0
Mass per unit area (kg/m ²)	NPD
Mass (kg/m)	22.4
Load Ratio	1:1 - 1:5

hEN

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	55
750	55
900	55
1050	55
1200	55
1350	55
1500	55
1650	55
1800	55
1950	51
2100	48
2250	45
2400	42
2550	40
2700	38
2850	36
3000	34
3150	32
3300	31
3450	30
3600	28
3750	27
3900	26
4050	25
4200	24
4350	24
4500	23

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)