



# Declaration of Performance

EU Regulation No 305/2011, Annex III

**DOP Number:** 405

**Revision:** a

**Product type:** MS250

**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 <sub>k</sub> , 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)	199.0
Mass per unit area (kg/m <sup>2</sup> )	NPD
Mass (kg/m)	16.4
Load Ratio	-

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	80
750	80
900	80
1050	80
1200	80
1350	60
1500	60
1650	60
1800	50
1950	50
2100	50
2250	45
2400	45
2550	40
2700	40
2850	34
3000	34
3150	34
3300	30
3450	28
3600	28
3750	28
3900	25
4050	24
4200	24
4350	20
4500	20

**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)