



# Declaration of Performance

EU Regulation No 305/2011, Annex III

**DOP Number:** 286 Revision:  
**Product type:** EAL6 90EE  
**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:**

<b>Essential Characteristics</b>	<b>Performance</b>
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)	238.0
Mass per unit area ( $kg/m^2$ )	NPD
Mass (kg/m)	68.1
Load Ratio	1:1 - 1:19

**hEN**  
 EN 845 - 2 : 2012, Specification for ancillary components for masonry - Part 2: Lintels

**TableA1:**  
 Load bearing capacity

<b>Clear Opening span (mm)</b>	<b>SWL UDL (kN)</b>
600	190
900	190
1200	190
1500	190
1800	190
2100	190
2400	190
2700	190
3000	190
3300	173
3600	159
3900	147
4200	137
4500	122

**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)