



# Declaration of Performance

EU Regulation No 305/2011, Annex III

DOP Number: 350

Revision:

Product type: HD4 275

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 <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

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

Nominal Height (mm)	310.0
Mass per unit area (kg/m <sup>2</sup> )	NPD
Mass (kg/m)	62.8
Load Ratio	1:1 - 1:19

Clear Opening span (mm)	SWL UDL (kN)
600	231
900	231
1200	231
1500	231
1800	231
2100	231
2400	231
2700	231
3000	231
3300	211
3600	194
3900	179
4200	167
4500	156

**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)