



# Declaration of Performance

EU Regulation No 305/2011, Annex III

**DOP Number:** 215 **Revision:**  
**Product type:** SC50EEa  
**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/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)	133.0
Mass per unit area ( $\text{kg}/\text{m}^2$ )	NPD
Mass ( $\text{kg}/\text{m}$ )	19.1
Load Ratio	1:1 - 1:19

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

Clear Opening span (mm)	SWL UDL (kN)
600	30
750	30
900	30
1050	30
1200	28
1350	26
1500	24
1650	22
1800	20
1950	19
2100	16

**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 
  
 (Signature)  
 (Place and date of issue)