

## **Declaration of Performance**

EU Regulation No 305/2011, Annex III

DOP Number: OS4 Product type: 572 Intended use: :

Revison:

TableA1:

To be used in walls and partitions, as an ancillar 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 coverd 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	hEN
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/360 as safe working load in service limit state (EN 1990: 2002 + A1 ; 2005 NA)	Specification for ancillary components for Lintels
Water Absorption	Zero	odu
Water Vapour Permeability	Not Applicable	cor
Thermal Resistance	Steel 64 W / m.k	
Resistance to Fire	NPD (Contact Harvey steel for project specific details) document A	anci
Durability (against corrosion)	Coating L14	for
Durability (against freeze/thaw)	Resistant	atior
Dangerous Substance	nce None	
Minimum Bearing Length (mm)	150 mm	Specific Lintels
		2012, Part 2:
Nominal Height (mm)	0.0	
Mass per unit area (kg/m <sup>2</sup> )	#DIV/0!	ary -
Mass (kg/m)	0.0	845 - 3 sonary
Load Ratio	0.0	EN mas

Load bearing capacity			
Clear Opening span (mm)	SWL UDL (kN)		
600	21		
750	26.3		
900	31.5		
1050	36.8		
1200	30.8		
1350	24.5		
1500	20.1		
1650	16.7		
1800	14.2		
1950	12.3		
2100	10.7		
2250	9.5		
2400	8.4		
2550	7.6		
2700	6.9		
2850	6.3		
3000	5.8		
3150	5.3		
3300	4.9		
3450	4.6		
3600	4.3		

Note:

Issued under the sole responsibility of Harvey steel Lintels

Signed on behalf of the manufacturer by :

Harvey Steel 01.07.2013

David Harvey (Managing director) (Signature)

(Place and date of issue)