

Declaration of Performance

EU Regulation No 305/2011, Annex III

DOP Number: 287 Revison: a

Product type: HD4 250

Intended use: 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 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 (Ek, 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 Steel 64 W / m.k Thermal Resistance Resistance to Fire NPD (Contact Harvey steel for project specific details) document A Coating L14 Durability (against corrosion) Durability (against freeze/thaw) Resistant Dangerous Substance None Minimum Bearing Length (mm) 150 mm

| Nominal Height (mm) | 310.0 |
|----------------------------|------------|
| Mass per unit area (kg/m²) | NPD |
| Mass (kg/m) | 61.7 |
| Load Ratio | 1:1 - 1:19 |

| hEN | | |
|----------------------------------------|-----------------------|--|
| s for | EN | |
| Specification for ancillary components | ntels | |
| EN 845 - 2 : 2012, Specif | masonary - Part 2: Li | |

| Clear Opening span (mm) | SWL UDL (kN) |
|-------------------------|-----------------|
| 600 | 228 |
| 900 | 228 |
| 1200 | 228 |
| 1500 | 228 |
| 1800 | 228 |
| 2100 | 228 |
| 2400 | 228 |
| 2700 | 228 |
| 3000 | 228 |
| 3300 | 208 |
| 3600 | 191 |
| 3900 | 177 |
| 4200 | 165 |
| 4500 | 154 |
| 4800 | 145 |
| 5100 | 136 |
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TableA1:

Load bearing capacity

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)

The Day