

Declared Performance

Declaration of Performance

EU Regulation No 305/2011, Annex III

DOP Number:245Product type:SC80bIntended use:To be up

Revison:

TableA1:

Clear Opening

600

750

900

1050

1200

1350

1500

1650

1800

1950

2100

2250

2400

2550

span (mm)

Load bearing capacity

SWL UDL

30

30

30

30

30

30

28

25

24

22

20

19

18

17

(kN)

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

<u>The Notified Testing Laboratory:</u> 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

| 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/325 as safe working load in service limit state (EN 1990: 2002 + A1 ; 2005 NA) | Specification for ancillary components for Lintels |
| Water Absorption | Zero | Iodu |
| Water Vapour Permeability | Not Applicable | COL |
| Thermal Resistance | Steel 64 W / m.k | llary |
| 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 | None | cific els |
| Minimum Bearing Length (mm) | 150 mm | Specifi Lintels |
| | | 2012, ^{>} art 2: |
| Nominal Height (mm) | 142.0 | |
| Mass per unit area (kg/m ²) | NPD | 5 - 2 ary - |
| Mass (kg/m) | 17.3 | EN 845 - : masonary |
| Load Ratio | 1:1 - 1:5 | EN |

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)

(Place and date of issue)

(Signature)