



EN 845-1

Declaration of Performance

Certificate N^o 015CPR2013

ACS hereby declares that the product range identified as,

The ACS OL 14 Lintel

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

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 an element that only transfers loads to the structure)

Designed and Manufactured by: ACS Stainless Steel Fixings Ltd
N^o1 Cross Green Industrial Park
Leeds
West Yorkshire
LS9 0SG
United Kingdom

System of Assessment and Verification: System 3

Tests were performed by UKAS University of Glamorgan
Accredited, Notified Laboratory: Commercial Services Centre for Engineering
Research and Environmental Applications (CEREA)
Llantwit Road
Treforest Pontypridd
CF37 1DL

Notified Body Number: 1679

Tests were performed in line with requirements of BS EN 845-2:2003.

The CE Mark affixed to the product is accordance with Directive 93/68/EC.

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/360 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)	Material Coating reference L4h
Durability (against freeze/thaw)	Resistant
Dangerous Substance	None
Minimum Bearing Length (mm)	150 mm

Nominal Height (mm)	151.0
Mass per unit area (kg/m^2)	NPD
Mass (kg/m)	4.0
Load Ratio	-

TableA1: Load bearing capacity	
Clear Opening span (mm)	SWL UDL (kN)
600	5
750	4.9
900	3.6
1050	2.8
1200	2.2
1350	1.8

Declaration made by:

David Flannery, Managing Director, 13/05/2013



D.O.P. 015CPR2013