



EN 845-1

Declaration of Performance

Certificate N^o 014CPR2013

ACS hereby declares that the product range identified as,

The ACS OL 19 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 Accredited, Notified Laboratory: University of Glamorgan
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)	208.0
Mass per unit area (kg/m ²)	NPD
Mass (kg/m)	9.7
Load Ratio	-

TableA1: Load bearing capacity	
Clear Opening span (mm)	SWL UDL (kN)
600	26
750	26
900	26
1050	25.9
1200	20.4
1350	16.6
1500	13.7
1650	11.5
1800	9.8
1950	8.4
2100	7.4
2250	6.5
2400	5.7
2550	5.1
2700	4.6

Declaration made by:

David Flannery, Managing Director, 13/05/2013



D.O.P. 014CPR2013