

Declaration of Performance

Number: L0304-00-CA

Product Type: SH50E

The Manufacturer

Ancon Ltd trading as Leviat
 President Way
 President Park
 Sheffield
 S4 7UR

Declares in compliance with the Construction Products Regulation (EU) No. 305/2011, that the stainless steel lintels listed below are manufactured according to the requirements of the Harmonised Standard EN 845-2:2013+A1:2016 and fulfil the conditions for UKCA Marking in accordance with annex ZA of EN 845-2:2013+A1:2016.

The conformity assessment was executed in accordance with the method stated in tables ZA.2 and ZA.3 (System 3 of Assessment and Verification of Constancy of Performance).

The Notified Testing Laboratory

University of Glamorgan Commercial Services
 Centre for Engineering, Research and Environmental Applications (CEREA)
 Llantwit Road
 Treforest
 Pontypridd
 CF37 1DL
 (Approved Body No. 1679)

Performed determination of the product - type on the basis of type testing (based on sampling carried out by the manufacturer) and issued test reports.

Intended Use of the Construction Product

Lintels to be used in walls and partitions (to support loads over openings in masonry walls with a semi - structural role in the works).

Essential Characteristics	Lintel Length (mm)			Harmonised Technical Specification EN 845 - 2:2013+A1:2016
	750 - 1800	1801 - 2400	2401 - 3000	
Load Bearing Capacity (kN)	17	20	26	
Load Ratio 1:1 and 3:1				
<i>Figures shown are safe working loads</i>				
Deflection Under Load	Less than Effective Span/325 at safe working load			
Water Absorption	Zero			
Water Vapour Permeability	Not Applicable			
Mass per unit area (kg/m ²)	79.1	68.8	75.1	
Thermal Resistance	17W/mK (Stainless Steel)			
Resistance to Fire	NPD			
Durability (against corrosion)	Material Coating Reference L3			
Durability (against freeze/thaw)	Resistant			
Dangerous Substance	None			
Nominal Height (mm)	140	180	220	
Mass (kg/m)	11.08	12.38	16.52	
Minimum Bearing Length (mm)	150			

Signed on behalf of the manufacturer by:

Peter McDermott, Managing Director Europe West & APAC



on 1st April 2021