

Declaration of Performance

Number: L0361-00-CA

Product Type: SW100X

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 - 1500	1650 - 2100	2250 - 2700	2850 - 3600	3900 - 4800	4850 - 5400	
Load Bearing Capacity (kN)	29	39	39	51	51	35	
<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)	57.4	71.8	60.9	73.1	67.5		
Thermal Resistance	15W/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)	143	143	219	219	295		
Mass (kg/m)	8.21	10.27	13.34	16.01	19.91		
Minimum Bearing Length (mm)	150						

Signed on behalf of the manufacturer by:

Peter McDermott, Managing Director Europe West & APAC



on 1st April 2021