

# Leviat

A CRH COMPANY

## Declaration of Performance

Number:

L0345-00-CA

Product Type:

SU150E

### 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)		
	900 - 1800	1801 - 2100	2101 - 2400
Load Bearing Capacity (kN)	32	48	45
Load Ratio 1:1 and 19:1			
<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 <sup>2</sup> )	90.3	107.3	
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)	157	157	
Mass (kg/m)	14.18	16.84	
Minimum Bearing Length (mm)	150		

Harmonised Technical Specification  
EN 845 - 2: 2013+A1: 2016

Signed on behalf of the manufacturer by:

Peter McDermott, Managing Director Europe West & APAC



on 1st April 2021