

## DECLARATION OF PERFORMANCE

We hereby declare that 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 CE 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).



<b>Declaration Number:</b>	<b>L0313-00-CE</b>
<b>Product Type</b>	<b>SH90</b>

Approved Testing Laboratory	USW Commercial Services Limited, University of South Wales, Llantwit Road, Treforest, Pontypridd, CF37 1DL
Approved Body Number:	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.	
<b>Intended Use of the Construction Product</b>	
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)				
	750-1800	1801-2100	2101-2400	2401-2700	2701-3600
Load Bearing Capacity (kN)	<b>18</b>	<b>20</b>	<b>22</b>	<b>26</b>	<b>26</b>
Load Ratio 1:1 and 3:1					
<i>Figures shown are safe working loads</i>					
Deflection Under Load	<b>Less than Effective Span/325 at safe working load</b>				
Water Absorption	<b>Zero</b>				
Water Vapour Permeability	<b>Not Applicable</b>				
Mass per unit area (kg/m <sup>2</sup> )	<b>57.3</b>	<b>54.1</b>	<b>51.7</b>	<b>48.1</b>	<b>61.5</b>
Thermal Resistance	<b>17W/mK (Stainless Steel)</b>				
Resistance to Fire	<b>NPD</b>				
Durability (against corrosion)	<b>Material Coating Reference L3</b>				
Durability (against freeze/thaw)	<b>Resistant</b>				
Dangerous Substance	<b>None</b>				
Nominal Height (mm)	<b>140</b>	<b>160</b>	<b>180</b>	<b>220</b>	<b>220</b>
Mass (kg/m)	<b>8.02</b>	<b>8.65</b>	<b>9.3</b>	<b>10.59</b>	<b>13.53</b>
Minimum Bearing Length (mm)	<b>150</b>				
Harmonised Technical Specification	<b>EN 845 - 2: 2013+A1: 2016</b>				

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Signed for and on behalf of the manufacturer by



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Rune Magnusson  
Managing Director Europe West & APAC  
18<sup>th</sup> August 2022

Manufactured by:

**Leviat Limited**  
President Way  
President Park  
Sheffield, S4 7UR  
United Kingdom

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