



Declaration of Performance

DoP Reference no.: SSL 27 (Rev. 2)

Product type: **L31, L31/K**

Intended use: Structural support for openings in walls and partitions

Manufacturer:

Steelite Specialists Ltd.

Cappanargid, Rathangan, Co. Kildare,
Republic of Ireland

Notified body:

Technical & Test Institute for Construction Prague

Prosecká 811/76a, Prosek, 190 00 Praha 9
Czech Republic

Declares in compliance with the Construction Products Regulation (EU) No. 305/2011, that the referred products are manufactured according to the requirements of the European 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 of the product was determined as per the requirements in Annex ZA.1 and ZA.2 of EN 845-2:2013+A1-2016

Notified Body Number: **1020**

The AVCP for the product: **System 3**

Essential characteristics

<i>Lintel length</i>	mm	600	750	900	1050	1200	1350	1500	1650	1800	1950	2100
<i>Safe load bearing capacity (Load ratio 1:3)</i>	kN	19	19	19	18	18	17	16	16	16	16	16
<i>Ultimate load bearing capacity (Load ratio 1:3)</i>	kN	31	31	30	29	28	27	26	26	25	25	25
<i>Deflection under load</i>	Less then effective span / 325 at maximum load											
Mass per meter length	kg/m	7.2			8.5				9.5			
Water absorption	Zero											
Thermal resistance	50 (steel), 0.036 (insulation) W/mK											
Resistance to fire	NPD											
Durability (corrosion)	Material coating reference L14											
Durability (freeze/thaw)	Resistant											
Dangerous substances	None											

EN 845-2: 2013 + A1: 2016

Signed for on behalf of the manufacturer by:

Name: Ryan Marshall

Signature: Ryan Marshall

Date: 14-Mar-23

