



Declaration of Performance

DoP Reference no.: SSL 04 (Rev. 4)

Product type: **HD, HD/K 165, 170, 175, 180, 185**

Intended use: Structural support for openings in walls and partitions

Manufacturer:

Steelite Specials 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 1650	1800 1950	2100 2250	2400 2550	2700	2850	3000	3250	3500	3750	4000	EN 845-2: 2013 + A1: 2016
<i>Safe load bearing capacity (Load ratio 1:3)</i>	kN	41	37	32	29	27	26	25	24	23	21	21	
<i>Ultimate load bearing capacity (Load ratio 1:3)</i>	kN	66	60	52	47	44	42	41	39	37	35	34	
<i>Deflection under load</i>	Less than effective span / 325 at maximum load												
Mass per meter length	kg/m	16.8											
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												

Signed for on behalf of the manufacturer by:

Name: Ryan Marshall

Signature: Ryan Marshall

Date: 14-Mar-23

