



Declaration of Performance

DoP Reference no.: SSL 31

Product type: **XCL, XCL/K 90, 100, 110**

Intended use: Structural support for openings in walls and partitions

Manufacturer:

Steelite Specials Ltd.

Cappanargid, Rathangan, Co. Kildare,
Republic of Ireland

Notified body:

OMNI Assured Certification International. Ltd NB 2819

1 Parkgate, Princes Street, Tralee
Co. Kerry, Ireland

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 and fulfil the conditions for CE Marking in accordance with annex ZA of EN 845-2:2013

The conformity of the product was determined as per the requirements in Annex ZA of EN 845-2: Specification for ancillary components for masonry - Part 2.

Certificate Number: OMNi-00149-FPC

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

Essential characteristics

Lintel length	mm	600 3000	3250 3500	3750 4000	4250 4500	4750	5100	5400	5700	6000	6500
Safe load bearing capacity (Load ratio 1:3)	kN	132	105	84	70	61	55	47	43	39	35
Ultimate load bearing capacity (Load ratio 1:3)	kN	211	168	135	113	98	88	76	69	62	56
Deflection under load	Less then effective span / 325 at maximum load										
Mass per meter length	kg/m	42.2									
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

Signed for on behalf of the manufacturer by:

Name: Ryan Marshall

Signature: Ryan Marshall

Date: 10-Oct-19