



Declaration of Performance

DoP Reference no.: SSL 30 (Rev. 4)

Product type: **A/WIL, A/WIL/K 140, 145, 150, 155, 160**

Intended use: Structural support for openings in walls and partitions

| Manufacturer: | Notified body: |
|---|--|
| Steelite Specials Ltd. Cappanargid, Rathangan, Co. Kildare, Republic of Ireland | 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 1200 | 1350 | 1500 | 1650 | 1800 | 1950 | 2100 | 2250 | 2400 | 2550 | 2700 | EN 845-2: 2013 + A1: 2016 |
| <i>Safe load bearing capacity (Load ratio 1:3)</i> | kN | 31 | 28 | 23 | 18 | 15 | 12 | 25 | 22 | 20 | 18 | 16 | |
| <i>Ultimate load bearing capacity (Load ratio 1:3)</i> | kN | 50 | 46 | 37 | 30 | 24 | 20 | 41 | 36 | 32 | 30 | 26 | |
| <i>Deflection under load</i> | Less than effective span / 325 at maximum load | | | | | | | | | | | | |
| <i>Mass per meter length</i> | kg/m | 13.2 | | | | | | 18.4 | | | | | |
| <i>Water absorption</i> | Zero | | | | | | | | | | | | |
| <i>Thermal resistance</i> | 50 (steel), 0.036 (insulation) W/mK | | | | | | | | | | | | |
| <i>Resistance to fire</i> | NPD | | | | | | | | | | | | |
| <i>Durability (corrosion)</i> | Material coating reference L14 | | | | | | | | | | | | |
| <i>Durability (freeze/thaw)</i> | Resistant | | | | | | | | | | | | |
| <i>Dangerous substances</i> | None | | | | | | | | | | | | |

Signed for on behalf of the manufacturer by:

Name: Ryan Marshall

Signature: Ryan Marshall

Date: 14-Mar-23

