



## Declaration of Performance

DoP Reference no.: SSL 35

Product type: **XCL, XCL/K 190, 200, 210**

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<br>3000 | 3250<br>3500 | 3750<br>4000 | 4250<br>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                                           | 44.4        |              |              |              |      |      |      |      |      |      |
| 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