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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                      | <h2 style="text-align: center;">Declaration of Performance</h2> |                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                       | <b>DoP Reference no.: SSL 16 (Rev. 4)</b>                       |                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                       | Product type:                                                   | <b>L 38, L 38/K 115, 120, 125, 130, 135</b>                                                                                 |
| Intended use:                                                                                                                                                                                                                                                                                                         |                                                                 | Structural support for openings in walls and partitions                                                                     |
| <b>Manufacturer:</b>                                                                                                                                                                                                                                                                                                  |                                                                 | <b>Notified body:</b>                                                                                                       |
| <b>Steelite Specials Ltd.</b><br>Cappanargid, Rathangan, Co. Kildare,<br>Republic of Ireland                                                                                                                                                                                                                          |                                                                 | <b>Technical &amp; Test Institute for Construction Prague</b><br>Prosecká 811/76a, Prosek, 190 00 Praha 9<br>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        |
|                                                                                                                                                                                                                                                                                                                       |                                                                 | <b>Notified Body Number: 1020</b>                                                                                           |
|                                                                                                                                                                                                                                                                                                                       |                                                                 | The AVCP for the product: <b>System 3</b>                                                                                   |

| Essential characteristics             |                                                |             |              |              |              |              |              |              |              |              |      |
|---------------------------------------|------------------------------------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|
| <i>Lintel length</i>                  | mm                                             | 600<br>1200 | 1350<br>1650 | 1800<br>2100 | 2250<br>2400 | 2550<br>2700 | 2850<br>3000 | 3250<br>3500 | 3750<br>4000 | 4250<br>4500 | 4750 |
| <i>Safe load bearing capacity</i>     | kN                                             | 16          | 16           | 16           | 23           | 23           | 23           | 26           | 26           | 35           | 35   |
| <i>Ultimate load bearing capacity</i> | kN                                             | 26          | 26           | 26           | 37           | 37           | 37           | 42           | 42           | 56           | 56   |
| <i>Deflection under load</i>          | Less then effective span / 325 at maximum load |             |              |              |              |              |              |              |              |              |      |
| Mass per meter length                 | kg/m                                           | 17.8        |              |              |              |              |              |              |              |              |      |
| 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                                           |             |              |              |              |              |              |              |              |              |      |

EN 845-2: 2013 + A1: 2016

**Signed for on behalf of the manufacturer by:**

**Name:** Ryan Marshall

**Signature:** Ryan Marshall

**Date:** 14-Mar-23

