

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

### SPS CJ, 150mm

conforms to the provisions of, ZA Annex, EN 845-1:2013+A1:2016 as a Symmetrical Wall Tie.



|                            |                    |
|----------------------------|--------------------|
| <b>Declaration Number:</b> | <b>L0040-01-CE</b> |
|----------------------------|--------------------|

|                       |   |
|-----------------------|---|
| Intended Use:         | Shear tie for connecting two new leaves of a collar jointed wall.   |
| Notified Body:        | Technical and Test Institute for Constructions Prague, Branch 0600 - Brno, Hněvkovského 77, 617 00 Brno - Komárov, Czech Republic |
| Notified Body Number: | 1020  |

This product conforms to **System 3** – Assessment and Verification of Constancy of Performance. All necessary testing was conducted at the above notified body.

| <b>Essential Characteristics</b>           |                |
|--|----------------|
| Compressive Load Capacity (cavity +15mm):  | <b>3280N</b>   |
| Tensile Load Capacity (at min. embedment): | <b>3610N</b>   |
| Shear Load Capacity:                       | <b>4340N</b>   |
| <b>Capacities given for:</b>               |                |
| Overall Wall Tie Length:                   | <b>150mm</b>   |
| Design Cavity Width:                       | <b>10mm</b>    |
| Minimum Embedment Depth:                   | <b>70mm</b>    |
| Minimum Mortar Joint Thickness:            | <b>10mm</b>    |
| Minimum Mortar Class:                      | <b>Type M4</b> |

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|  |                        |
|--|------------------------|
| <b>Displacement at 1/3 Load Capacity</b> |                        |
| In tension:                              | <b>0.19</b>            |
| In shear:                                | <b>1.07</b>            |
| <b>Failure Modes:</b>                    |                        |
| In compression:                          | <b>Buckling of tie</b> |
| In tension:                              | <b>Pull out of tie</b> |
| In shear:                                | <b>Rotation of tie</b> |
| <b>Recommended Spacing:</b>              | <b>As required</b>     |
| <b>Durability</b>                        |                        |
| Material Coating Reference:              | <b>3</b>               |
| Steel Grade:                             | <b>1.4301/1.4401</b>   |
| <b>Dangerous Substance</b>               | <b>None</b>            |

Signed for and on behalf of the manufacturer by



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Rune Magnusson  
Regional Managing Director, UK & Asia  
1<sup>st</sup> May 2026

Manufactured by:

**Leviat Limited**  
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