

## 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>L0040-00-CE</b>
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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:	0.19
In shear:	1.07
<b>Failure Modes:</b>	
In compression:	Buckling of tie
In tension:	Pull out of tie
In shear:	Rotation of tie
<b>Recommended Spacing:</b>	As required
<b>Durability</b>	
Material Coating Reference:	3
Steel Grade:	1.4301/1.4401
<b>Dangerous Substance</b>	None

Signed for and on behalf of the manufacturer by



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 Rune Magnusson  
 Managing Director Europe West & APAC  
 27<sup>th</sup> July 2023

Manufactured by:

**Leviat Limited**  
 President Way  
 President Park  
 Sheffield, S4 7UR  
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