

DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

SPS CJ, 150mm

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

**UK
CA**

Declaration Number:	L0040-02-CA
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Intended Use:	Shear tie for connecting two new leaves of a collar jointed wall.
Approved Body:	Lucideon Ltd, Queens Road, Penkhull, Stoke-on-Trent, Staffordshire, ST4 7LQ, United Kingdom
Approved Body Number:	1289

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

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

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

Signed for and on behalf of the manufacturer by



 Rune Magnusson
 Managing Director Europe West & APAC
 27th July 2023

Manufactured by:

Leviat Limited
 President Way
 President Park
 Sheffield, S4 7UR
 United Kingdom

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