

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

**SDS, 251-300mm**

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



<b>Declaration Number:</b>	<b>L0142-00-CE</b>
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Intended Use:	Type 1 wall tie for connecting two leaves of a cavity wall. Suitable for 126mm-175mm cavities.
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>2000N</b>
Compressive Load Capacity (design cavity):	<b>2500N</b>
Tensile Load Capacity (at min. embedment):	<b>2500N</b>
<b>Capacities given for:</b>	
Overall Wall Tie Length:	<b>251mm-300mm</b>
Design Cavity Width:	<b>126mm-175mm</b>
Minimum Embedment Depth:	<b>50mm</b>
Minimum Cover to Face of Wall:	<b>20mm</b>
Minimum Mortar Joint Thickness:	<b>10mm</b>
Minimum Mortar Class:	<b>M2</b>

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<b>Displacement at 1/3 Load Capacity</b>	
In Compression:	0.43
In Tension:	0.19
<b>Failure Modes:</b>	
In Compression:	Bending of tie
In Tension:	Pull-out of tie
<b>Water Shedding Capacity:</b>	Resistant
<b>Recommended Spacing:</b>	Refer to PD 6697
<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, UK & Asia  
 28th October 2024

Manufactured by:

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