

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

**ZDS, 125-225mm**

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

**UK  
CA**

<b>Declaration Number:</b>	<b>L0106-01-CA</b>
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Intended Use:	Wall tie for connecting a new stone leaf to a new masonry inner leaf
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.

<b>Essential Characteristics</b>	
Compressive Load Capacity (cavity +15mm):	<b>2960N</b>
Tensile Load Capacity:	<b>3210N</b>
<b>Capacities given for:</b>	
Overall Wall Tie Length:	<b>125mm-225mm</b>
Design Cavity Width:	<b>Not relevant</b>
Minimum Embedment Depth:	<b>Z' End Not relevant/ 'S' End 50mm</b>
Minimum Cover to Face of Wall:	<b>Z' End Not relevant/ 'S' End 20mm</b>
Minimum Mortar Joint Thickness:	<b>Z' End Not relevant/ 'S' End 10mm</b>
Minimum Mortar Class:	<b>M2</b>
<b>Displacement at 1/3 Load Capacity</b>	

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In Compression:	0.21
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>	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  
 1<sup>st</sup> April 2022

Manufactured by;

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

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