

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

**SD25 151-300mm**

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



<b>Declaration Number:</b>	<b>L0137-03-CE</b>
----------------------------	--------------------

Intended Use:	Wall tie for use with the Ancon 25/14 channel system to connect a masonry leaf to light steel studwork, timber frame or concrete wall through a layer of insulation. See Ancon technical literature for fixing screw references (depending on substrate and insulation depth), and screw/wall tie vertical fixing centres (depending on tie type application).
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>1080N</b>
Tensile Load Capacity (cavity):	<b>1250N</b>
<b>Capacities given for:</b>	
Overall Wall Tie Length:	<b>151-300mm</b>
Design Cavity Width:	<b>110-259mm</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>Type M2</b>

## DECLARATION OF PERFORMANCE

<b>Displacement at 1/3 Load Capacity</b>	
In Compression:	0.63
In Tension:	0.82
<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 Ancon technical literature
<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



-----  
 Rune Magnusson  
 Managing Director Europe West & APAC  
 15th March 2023

Manufactured by;

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

Declaration Number: L0137-03-CE