

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

**TFMT7**

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

**UK  
CA**

<b>Declaration Number:</b>	<b>L0055-01-CA</b>
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Intended Use:	Type 7 wall tie for connecting a masonry outer leaf to structural timber frame. Suitable for cavities from 50mm to 150mm.
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>970N</b>
Compressive Load Capacity (design cavity):	<b>1300N</b>
Tensile Load Capacity:	<b>1210N</b>
Movement Tolerant:	<b>Up to 30mm max. to accommodate shrinkage of timber frame</b>
<b>Capacities given for:</b>	
Overall Wall Tie Length:	<b>200m</b>
Design Cavity Width:	<b>150mm</b>
Minimum Embedment Depth:	<b>50mm</b>
Minimum Cover to Face of Wall:	<b>20mm</b>

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Minimum Mortar Joint Thickness:	10mm
Minimum Mortar Class:	Type M2
<b>Displacement at 1/3 Load Capacity</b>	
In compression:	0.32
In tension:	0.78
<b>Failure Modes:</b>	
In compression:	Bending of tie
In tension:	5mm displacement
<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

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United Kingdom