

DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

Ancon Staifix STF6 100mm

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



Declaration Number:	L0052-01-NI
----------------------------	--------------------

Intended Use:	Type 6 wall tie for connecting a masonry outer leaf to a structural timber frame. Suitable for 100mm cavity.
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):	830N
Compressive Load Capacity (design cavity):	540N
Tensile Load Capacity (at min. embedment):	740N
Capacities given for:	
Overall Wall Tie Length:	179mm
Design Cavity Width:	100mm
Minimum Embedment Depth:	77mm
Minimum Cover to Face of Wall:	20mm
Minimum Mortar Joint Thickness:	10mm
Minimum Mortar Class:	Type M2

DECLARATION OF PERFORMANCE

Displacement at 1/3 Load Capacity	
In Compression:	0.45
In Tension:	1.01
Failure Modes:	
In Compression:	Bending of tie
In Tension:	Straightening of tie
Water Shedding Capacity:	Resistant
Recommended Spacing:	Refer to Table B.1. BS 5268-6.1:1996
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
 1st April 2022

Manufactured by:

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