

DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

Ancon ST1 300mm

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



Declaration Number:	L0020-02-CE
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Intended Use:	Type 1 wall tie for connecting two leaves of a cavity wall. Suitable for 151-175mm 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.

Essential Characteristics	
Compressive Load Capacity (cavity +15mm):	2000N
Compressive Load Capacity (design cavity):	2500N
Tensile Load Capacity (at min. embedment):	2500N
Capacities given for:	
Overall Wall Tie Length:	300mm
Design Cavity Width:	151-175mm
Minimum Embedment Depth:	50mm
Minimum Cover to Face of Wall:	20mm
Minimum Mortar Joint Thickness:	10mm
Minimum Mortar Class:	Type M2

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Displacement at 1/3 Load Capacity	
In Compression:	0.33
In Tension:	0.43
Failure Modes:	
In Compression:	Bending of tie
In Tension:	Pull-out of tie
Water Shedding Capacity:	Resistant
Recommended Spacing:	Refer to PD 6697
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