

DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

SD40, 125-150mm

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



Declaration Number:	L0081-00-CE
----------------------------	--------------------

Intended Use:	Wall tie for use with the Ancon 40/25 channel system to connect a new masonry leaf to an existing structure. Suitable for 45-94mm 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):	1180N
Compressive Load Capacity (design cavity):	1360N
Tensile Load Capacity:	3070N
Capacities given for:	
Overall Wall Tie Length:	125mm-150mm
Design Cavity Width:	45-69mm
Minimum Embedment Depth:	50mm
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:	0.32
In Tension:	0.3
Failure Modes:	
In Compression:	Bending of tie
In Tension:	Pull-out of tie
Water Shedding Capacity:	Resistant
Recommended Spacing:	As required
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
 16th September 2024

Manufactured by:

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