

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

**WT2-CB 185/200/225mm**

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

**UK  
CA**

|                            |                    |
|----------------------------|--------------------|
| <b>Declaration Number:</b> | <b>L0113-01-CA</b> |
|----------------------------|--------------------|

|                       |                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Intended Use:         | Type 2 wall tie for connecting two leaves of a cavity wall incorporating bubble foil insulation. Suitable for cavities from 50mm to 100mm. |
| 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>1180N</b>     |
| Tensile Load Capacity:                    | <b>1820N</b>     |
| <b>Capacities given for:</b>              |                  |
| Overall Wall Tie Length:                  | <b>185-225mm</b> |
| Design Cavity Width:                      | <b>50-100mm</b>  |
| Minimum Embedment Depth:                  | <b>62.5mm</b>    |
| Minimum Cover to Face of Wall:            | <b>20mm</b>      |
| Minimum Mortar Joint Thickness:           | <b>10mm</b>      |
| Minimum Mortar Class:                     | <b>M2</b>        |
| <b>Displacement at 1/3 Load Capacity</b>  |                  |

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|                                 |                  |
|---------------------------------|------------------|
| In Compression:                 | 0.17             |
| In Tension:                     | 0.18             |
| <b>Failure Modes:</b>           |                  |
| In Compression:                 | Bending of tie   |
| In Tension:                     | 5mm displacement |
| <b>Water Shedding Capacity:</b> | Resistant        |
| <b>Recommended Spacing:</b>     | Refer to PD6697  |
| <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  
 United Kingdom

Made under licence from:

