

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

**AMR-CJ/S/D4.0/W175**

conforms to the provisions of BS EN 845-1:2013+A1:2016, as Bed Joint Reinforcement defined in 4.2.2 of the Standard.



|                            |                    |
|----------------------------|--------------------|
| <b>Declaration Number:</b> | <b>L0246-02-CA</b> |
|----------------------------|--------------------|

|                       |   |
|-----------------------|---|
| Intended Use:         | For structural use in collar-jointed walls  |
| 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>Product Dimensions</b>                            |                            |
|--|----------------------------|
| Length:  | <b>2700 ±1.5%</b>          |
| Width:   | <b>175 ±5mm</b>            |
| Profile Height:                                      | <b>2.9 ±0.4mm</b>          |
| Longitudinal Wire Size:                              | <b>4.68 ±0.1mm</b>         |
| Cross Wire Size:                                     | <b>19mm x 2.5 ±0.125mm</b> |
| Pitch of Cross Wires:                                | <b>450 ±3.0%</b>           |
| <b>Performance</b>                                   |                            |
| Characteristic Yield Strength of Longitudinal Wires: | <b>500N/mm<sup>2</sup></b> |
| Characteristic Yield Strength of Cross Wires:        | <b>210N/mm<sup>2</sup></b> |
| Bond Strength:                                       | <b>3250N</b>               |

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|                               |                          |
|-------------------------------|--------------------------|
| Bond Length:                  | 450mm                    |
| Anchorage Length:             | 450mm                    |
| Shear Load Capacity of Welds: | 2500N                    |
| Mortar Class:                 | General purpose ≥ M4     |
| Masonry Units:                | fb ≥ 5 N/mm <sup>2</sup> |
| Ductility:                    | Normal                   |
| <b>Durability</b>             |                          |
| Material Coating Reference:   | R3 Stainless Steel       |
| Dangerous Substances:         | None                     |

Signed for and on behalf of the manufacturer by



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Rune Magnusson  
Managing Director Europe West & APAC  
3rd March 2023

Manufactured by:

**Leviat Limited**  
President Way  
President Park  
Sheffield, S4 7UR  
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