

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

**AMR-CJ/G/D3.0/W175**

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



|                            |                    |
|----------------------------|--------------------|
| <b>Declaration Number:</b> | <b>L0249-01-CE</b> |
|----------------------------|--------------------|

|                       |   |
|-----------------------|---|
| Intended Use:         | For structural use in collar-jointed walls  |
| 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.

| <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>3.00 ±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 $\geq$ M4      |
| Masonry Units:                | $f_b \geq 5$ N/mm <sup>2</sup> |
| Ductility:                    | Normal                         |
| <b>Durability</b>             |                                |
| Material Coating Reference:   | R13 Galvanised 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  
United Kingdom

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