

DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

AMR/S/D4.5/W175

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



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| Declaration Number: | L0218-02-CE |
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|-----------------------|---|
| Intended Use: | For structural use in walls and partitions |
| 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.

| Product Dimensions | |
|--|----------------------------|
| Length: | 2700 ±1.5% |
| Width: | 175 ±5mm |
| Profile Height: | 2.9 ±0.4mm |
| Longitudinal Wire Size: | 5.30 ±0.1mm |
| Cross Wire Size: | 2.30 ±0.1mm |
| Pitch of Cross Wires: | 450 ±3.0% |
| Performance | |
| Characteristic Yield Strength of Longitudinal Wires: | 500N/mm² |
| Characteristic Yield Strength of Cross Wires: | 500N/mm² |
| Bond Strength: | 4670N |

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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 ² |
| Ductility: | Normal |
| Durability | |
| Material Coating Reference: | R3 Stainless Steel |
| Dangerous Substances: | None |

Signed for and on behalf of the manufacturer by



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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