



# Declaration of Performance

Declaration Number:

L0238-01-CE

We hereby declare that the product identified as,

## AMR/G/D4.5/W175

conforms to the provisions of BS EN 845-3:2013+A1:2016, as **Bed Joint Reinforcement** defined in 4.2.2 of the Standard

Intended Use: **For structural uses 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:	<b>2700 ±1.5%</b>
Width:	<b>175 ±5mm</b>
Profile Height:	<b>2.9 ±0.4mm</b>
Longitudinal Wire Size:	<b>6.11 ±0.1mm</b>
Cross Wire Size:	<b>2.30 ±0.1mm</b>
Pitch of Cross Wires:	<b>450 ±3.0%</b>

### Performance

Characteristic Yield Strength of Longitudinal Wires:	<b>500N/mm<sup>2</sup></b>
Characteristic Yield Strength of Cross Wires:	<b>500N/mm<sup>2</sup></b>
Bond Strength:	<b>7889N</b>
Bond Length:	<b>450mm</b>
Anchorage Length:	<b>450mm</b>
Shear Load Capacity of Welds:	<b>2100N</b>
Mortar Class:	<b>General purpose ≥ M4</b>
Masonry Units:	<b>fb ≥ 5 N/mm<sup>2</sup></b>
Ductility:	<b>Normal</b>

### Durability

Durability - Material/Coating Reference: **R13 (Galvanised Steel)**

**Dangerous Substances:** None

Authorised by:

Peter McDermott, Managing Director Europe West & APAC, on 4th May 2021 in Sheffield, UK.

Manufactured by Leviat

**Leviat**

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