



# Declaration of Performance

Declaration Number:

L0247-00-CE

We hereby declare that the product identified as,

## AMR-CJ/S/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 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 approved body.

### Product Dimensions

Length:	2700 ±1.5%
Width:	175 ±5mm
Profile Height:	2.9 ±0.4mm
Longitudinal Wire Size:	6.11 ±0.1mm
Cross Wire Size:	19mm x 2.5 ±0.125mm
Pitch of Cross Wires:	450 ±3.0%

### Performance

Characteristic Yield Strength of Longitudinal Wires:	500N/mm <sup>2</sup>
Characteristic Yield Strength of Cross Wires:	210N/mm <sup>2</sup>
Bond Strength:	7889N
Bond Length:	450mm
Anchorage Length:	450mm
Shear Load Capacity of Welds:	2000N
Mortar Class:	General purpose ≥ M4
Masonry Units:	fb ≥ 5 N/mm <sup>2</sup>
Ductility:	Normal

### Durability

Durability - Material/Coating Reference: **R3 (Stainless Steel)**

**Dangerous Substances:** None

Authorised by:

Peter McDermott, Managing Director Europe West & APAC, on 21st July 2021 in Sheffield, UK.

Manufactured by Leviat

**Leviat**

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