



Declaration of Performance

Declaration Number:

L0251-00-CE

We hereby declare that the product identified as,

AMR-CJ/G/D4.0/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: | 4.68 ±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/mm² |
| Characteristic Yield Strength of Cross Wires: | 210N/mm² |
| Bond Strength: | 7889N |
| Bond Length: | 450mm |
| Anchorage Length: | 450mm |
| Shear Load Capacity of Welds: | 2350N |
| Mortar Class: | General purpose ≥ M4 |
| Masonry Units: | fb ≥ 5 N/mm² |
| Ductility: | Normal |

Durability

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