



Declaration of Performance

Declaration Number:

L0229-01-CE

We hereby declare that the product identified as,

AMR/G/D5.0/W100

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:	2700 ±1.5%
Width:	100 ±5mm
Profile Height:	2.9 ±0.4mm
Longitudinal Wire Size:	7.35 ±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:	10575N
Bond Length:	450mm
Anchorage Length:	450mm
Shear Load Capacity of Welds:	2100N
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 4th May 2021 in Sheffield, UK.

Manufactured by Leviat

Leviat

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