

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

**AMR/G/D4.5/W100**

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

**UK  
CA**

Declaration Number:	L0228-01-CA
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Intended Use:	For structural use in walls and partitions
Approved Body:	Lucideon Ltd, Queens Road, Penkhull, Stoke-on-Trent, Staffordshire, ST4 7LQ, United Kingdom
Approved Body Number:	1289

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:	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/mm <sup>2</sup>
Characteristic Yield Strength of Cross Wires:	500N/mm <sup>2</sup>
Bond Strength:	4670N

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Bond Length:	450mm
Anchorage Length:	450mm
Shear Load Capacity of Welds:	2500N
Mortar Class:	General purpose ≥ M4
Masonry Units:	fb ≥ 5 N/mm <sup>2</sup>
Ductility:	Normal
<b>Durability</b>	
Material Coating Reference:	R13 Galvanised Steel
<b>Dangerous Substances:</b>	None

Signed for and on behalf of the manufacturer by



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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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