

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

**AMR/S/D4.5/W175**

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



<b>Declaration Number:</b>	<b>L0218-01-CA</b>
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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.

<b>Product Dimensions</b>	
Length:	<b>2700 ±1.5%</b>
Width:	<b>175 ±5mm</b>
Profile Height:	<b>2.9 ±0.4mm</b>
Longitudinal Wire Size:	<b>5.30 ±0.1mm</b>
Cross Wire Size:	<b>2.30 ±0.1mm</b>
Pitch of Cross Wires:	<b>450 ±3.0%</b>
<b>Performance</b>	
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>4670N</b>

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Bond Length:	450mm
Anchorage Length:	450mm
Shear Load Capacity of Welds:	2500N
Mortar Class:	General purpose $\geq$ M4
Masonry Units:	$f_b \geq 5$ N/mm <sup>2</sup>
Ductility:	Normal
<b>Durability</b>	
Material Coating Reference:	R3 Stainless 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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