

DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

AMR/G/D4.5/W175

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



Declaration Number:	L0238-02-CE
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Intended Use:	For structural use 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:	175 ±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/mm²
Characteristic Yield Strength of Cross Wires:	500N/mm²
Bond Strength:	4670N

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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 ²
Ductility:	Normal
Durability	
Material Coating Reference:	R13 Galvanised Steel
Dangerous Substances:	None

Signed for and on behalf of the manufacturer by



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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