



DECLARATION OF PERFORMANCE N. 0709

1. Unique identification code of the product-type: **GLASS NET 615**
2. Intended use/es: **CRM (Composite Reinforced Mortar) reinforcement of masonry and reinforced concrete structures, in flexure, in shear, under pure axial load and/or combinations of axial load and flexure**
3. Manufacturer: **Kerakoll S.p.A Via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italia**
4. System/s of AVCP: **System 2+**
5. European Assessment Document: **EAD 340392-00-0104, November 2018**
European Technical Assessment: **ETA 25/0350 of 14/04/2025**
Technical Assessment Body: **ITC-CNR**
Notified body/ies: **ITC n°0970**
6. Declared performance/s:

Identification data of the article			
Mesh size (centre-to-centre distance of each bar)		38 x 38 mm \pm 5 %	
Weight	Mesh without impregnation	510 g/m ² \pm 10 %	
	Impregnated mesh	615 g/m ² \pm 10 %	
Composition	AR Alkali Resistant glass fibre (According to UNI EN 15422) Fibre density 2.68 g/cm ³	By weight approx. 83%	By volume approx. 67%
	Thermosetting Epoxy resin, Resin density 1.1 g/cm ³	By weight approx. 17%	By volume approx. 33%
No. of bars per m	warp	26 \pm 5 %	
	weft	26 \pm 5 %	
Nominal cross section area of the bars	warp	6,86 mm ² \pm 5 %	
	weft	11,24 mm ² \pm 5 %	

Essential characteristics		Performance	
Tensile strength of the impregnated mesh		Tensile strength	Ultimate strain
	warp	Average value 665 MPa	Average value 3.2 %
	weft	Average value 349 MPa	Average value 3.2 %
Young's modulus of the impregnated mesh	warp	Average value 27 GPa	
	weft	Average value 18 GPa	



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Essential characteristics		Performance
Shear resistance of the mesh junction	warp	0.23 kN
	weft	0.20 kN
Water resistance after 1000 hours	warp/weft	Residual \geq 85 %
Saltwater resistance after 1000 hours	warp/weft	Residual \geq 85 %
Alkali resistance after 1000 hours	warp/weft	Residual \geq 85 %
Freezing and thawing resistance	warp/weft	Residual \geq 85 %
Glass Transition Temperature Tg of the mesh		59.96°C

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: **Romano Sghedoni (legal representative)**

In Sassuolo, on 06/04/2026

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