



# kerakoll

## 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 ± 5 %	
Weight	Mesh without impregnation	510 g/m <sup>2</sup> ± 10 %	
	Impregnated mesh	615 g/m <sup>2</sup> ± 10 %	
Composition	AR Alkali Resistant glass fibre (According to UNI EN 15422) Fibre density 2.68 g/cm <sup>3</sup>	By weight approx. 83%	By volume approx. 67%
	Thermosetting Epoxy resin, Resin density 1.1 g/cm <sup>3</sup>	By weight approx. 17%	By volume approx. 33%
No. of bars per m	warp	26 ± 5 %	
	weft	26 ± 5 %	
Nominal cross section area of the bars	warp	6,86 mm <sup>2</sup> ± 5 %	
	weft	11,24 mm <sup>2</sup> ± 5 %	

Essential characteristics		Performance	
		Tensile strength	Ultimate strain
Tensile strength of the impregnated mesh	warp	869 Mpa (average val.) 837 Mpa (characteristic val.)	3,2 % (average val.)
	weft	471 Mpa (average val.) 450 Mpa (characteristic val.)	3,2 % (average val.)
Young's modulus of the impregnated mesh	warp	Average val. 27 GPa	
	weft	Average val. 18 GPa	

kerakoll.com

KERAKOLL Spa - Società con unico socio Fin Firel Spa - Soggetta a direzione e coordinamento di Fin-Firel Spa  
via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italia - Tel +39 0536 816 511 - Fax +39 0536 816 581 - e-mail: info@kerakoll.com  
Rea MO n. 231812 - Reg. Imp. / Cod. Fisc. / P. Iva IT 01174510360 - Cap. Soc. € 2.000.000,00 i.v.



# kerakoll

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 23/06/2026

**kerakoll.com**

KERAKOLL Spa - Società con unico socio Fin Firel Spa - Soggetta a direzione e coordinamento di Fin-Firel Spa  
via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italia - Tel +39 0536 816 511 - Fax +39 0536 816 581 - e-mail: info@kerakoll.com  
Rea MO n. 231812 - Reg. Imp. / Cod. Fisc. / P. Iva IT 01174510360 - Cap. Soc. € 2.000.000,00 i.v.