

# Declaration of performance: No. 0061-CPR-2026/06/03

- 1) Unique identification code of the product-type *REVOGRID CONNECTOR-L 6 mm*
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- 2) Intended use and uses of the construction product, in accordance with the relevant harmonised technical specification, as provided by the manufacturer *GFRP mesh for the structural strengthening of masonry and concrete elements*
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- 3) Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5) *VOLTECO S.p.A. - Via delle Industrie, 47 - Ponzano Veneto (Italy) www.volteco.com*
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- 4) Authorized representative *Not applicable*
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- 5) System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in annex V *System 2+*
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- 6) In case of the declaration of performance concerning a construction product covered by a harmonised standard *Not applicable*
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- 7) In the case of a Declaration of Performance concerning a construction product for which a European Technical Assessment has been issued *Tecnalia Research & Innovation Donostia-San Sebastián (Mikeletegi pasealekua, 2) issued ETA-25/0119 on the basis of EAD 340392-00-0104. The Notified Body OTC Bulgaria Ltd, No. 2787, issued the FPC certificate No. 2787-CPR-01678.*

8) Declared performance:

-	Unit of Measurement	Mean Value	Characteristic Value	-
Tensile strength $\sigma_{u,m}$	MPa	926	828	Annex C, Section C5, Table 18, Page 19 EAD 340392-00-0104
Elongation at break $\epsilon_{u,m}$	%	2,20	1,93	Annex C, Section C5, Table 18, Page 19 EAD 340392-00-0104
Modulus of elasticity $E_m$	GPa	44,95	42,85	Annex C, Section C5, Table 18, Page 19 EAD 340392-00-0104
Failure load	kN	25,23	22,76	Annex C, Section C5, Table 18, Page 19 EAD 340392-00-0104
Lap splice tensile strength $F_c$	MPa	903	805	Annex C, Section C5, Table 18, Page 19 EAD 340392-00-0104

-	Unit of Measurement	Mean Value	Failure mode*	-
Pull-out load in concrete				

-	Unit of Measurement	Mean Value	Failure mode*	-
substrate $F_{anc}$	kN	16,61	1-+3	Annex C, Section C7, Table 22, Page 22 EAD 340392-00-0104
Pull-out resistance in clay substrate $F_{anc}$	kN	6,07	2	Annex C, Section C7, Table 22, Page 22 EAD 340392-00-0104
Pull-out resistance in tuff substrate $F_{anc}$	kN	5,34	2	Annex C, Section C7, Table 22, Page 22 EAD 340392-00-0104
Pull-out resistance in natural stone substrate $F_{anc}$	kN	10,53	2+3	Annex C, Section C7, Table 22, Page 22 EAD 340392-00-0104
Freeze-thaw resistance	MPa	892	/	Annex C, Section C8, Table 24, Page 23 EAD 340392-00-0104
Moisture resistance 1000h $\sigma_{u,sw}$	MPa	885	/	Annex C, Section C8, Table 26, Page 24 EAD 340392-00-0104
Resistance to salt water 1000h $\sigma_{u,sw}$	MPa	880	/	Annex C, Section C8, Table 28, Page 25 EAD 340392-00-0104
Alkali resistance 1000h $\sigma_{u,alk}$	MPa	938	/	Annex C, Section C8, Table 30, Page 26 EAD 340392-00-0104
Glass-liquid transition temperature	°C	103	103	Annex D, Section D6, Table D10, Page 40 EAD 340392-00-0104
Reaction to fire of the KIT		NPD	NPD	Annex E, Section E.1, Table E.1, Page 41 EAD 340392-00-0104

\* 1. Failure due to connector slippage / 2. Failure at the anchorage interface / 3. Substrate failure and/or substrate cone failure / 4. Connector failure

9) The performance of the product identified above is in conformity with the set of declared performances. This declaration of responsibility 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 Marco Ruzzier Chief Operating Officer

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(name and function)

*Marco Ruzzier*

Ponzano Veneto, 2026/06/03

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