



kerakoll

DECLARATION OF PERFORMANCE N. 0736

1. Unique identification code of the product-type: **STEEL DRYFAST 8-10 mm**
2. Intended use/es: **Metallic helical connectors for structural strengthening of concrete and masonry in CRM systems.**
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-25/0489 del 11/09/2025**
Technical Assessment Body: **CPC Belgelendirme Muayene ve Deney Hizmetleri Tic. Ltd. Şti**
Notified body/ies: **CPC n° 2404**
6. Declared performance/s:

Essential characteristics		Performance	
Reaction to fire		NPD	
		8 mm	10 mm
Tensile load		11.10 kN	15.10 kN
Yield strength		1015 MPa	957 MPa
Module of elasticity		115 GPa	172 GPa
Relative elongation		3 %	2.5 %
Lap-tensile strength		4.29 kN	NPD
Pull-out strength from substrates (Declared Load Bearing Capacity)			
Substrate	Type of fixation	8 mm	10 mm
Concrete	Dry application	6000 N (SS304) 6000 N (SS316)	8000 N (SS304) 8000 N (SS316)
Mean pull-out strength from substrates (at 130 mm anchorage depth)			
Substrate	Type of fixation	8 mm	10 mm
Concrete	Vinyl ester resin	4207 N (SS304) 4021 N (SS316)	4444 N (SS304) 3554 N (SS316)
Generic Masonry (Clay/Mixed)	Lime mortar	3525 N (SS304) 2721 N (SS316)	3069 N (SS304) 4016 N (SS316)
Generic Masonry (Clay/Mixed)	Chemical grout	6032 N (SS304) 5527 N (SS316)	5311 N (SS304) 6371 N (SS316)
Clay bricks	Chemical grout	3942 N (SS304) 3054 N (SS316)	3426 N (SS304) 4486 N (SS316)
Natural Stone	Chemical grout	4792 N (SS304) 4611 N (SS316)	5103 N (SS304) 4092 N (SS316)
Tuff	Chemical grout	5594 N (SS304) 4392 N (SS316)	4906 N (SS304) 6467 N (SS316)

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Essential characteristics	Performance	
	8 mm	10 mm
Alkali resistance	Resistant (Residual tensile strength: $\geq 96\%$)	
Corrosion resistance	Non-corrosive	
Freeze-thaw resistance	No surface alteration (Residual tensile strength: 94%)	
Water resistance	No surface alteration (Residual tensile strength: 96%)	
Saltwater resistance	No surface alteration (Residual tensile strength: 97%)	
Glass Transition Temperature	NPD	

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 30/07/2026

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