



Declaration of Performance



1. **Identification code of the product type:** **244010-212**
Anchorbolt, Q VMZ-A, 316; 244010-212 , M12 x 120 mm, QS-32, MOD 4010
2. **Batch / LOT No.:** See sticker at the package

3. **Purpose:** Component of a railing system

Generic type	torque controlled bonded anchor
For use in	cracked and non-cracked concrete, C20/25 - C50/60 (EN 206)
Option	1
Loading	Static or quasi static, seismic, category C1 + C2
Material	Stainless steel 316 Internal and external use without particular aggressive conditions
Temperature range (if applicable)	Range I: -40°C to +80°C Range II: -40°C to +120°C

4. **Authorized representative:** ./
5. **Manufacturer:** Q-railing Europe GmbH & Co.KG
Marie-Curie-Straße 8 – 14
D-46446 Emmerich am Rhein
6. **System of assessment and verification of constancy of performance:** System 1
7. **Harmonised Norm:** ETA-04/0092 ETAG 001-5
8. **Notified body:** **DIBT**
Deutsches Institut für Bautechnik Berlin
9. **Declared performance:**

Essential characteristics	Design method	Performance	Harmonized Technical Specification
Characteristic resistance for tension	ETAG 001, Annex C CEN/TS 1992-4	C2	ETAG 001
Characteristic resistance for shear	ETAG 001, Annex C CEN/TS 1992-4	C4	
Characteristic resistance for seismic loading	TR 045	C6	
Displacement for serviceability limit state	ETAG 001, Annex C CEN/TS 1992-4	C8, C9	
Characteristic resistance under fire exposure	-	-	

Responsible for creating the declaration of performance is the manufacturer specified in Section 5. Signed on behalf of the manufacturer and the name of the manufacturer:

Sean Bartlett
Head of factory production control
Emmerich am Rhein