



Declaration of Performance



1. Identification code of the product type: **204089-28**
Injection mortar, VMU plus 280, Q-104, MOD 4089; 204089-28 , Q-104, for VMU anchors, 280 ml, 1 mixer included

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	-
Loading	Static or quasi static, seismic, category C1
Material	Injection mortar
Temperature range (if applicable)	Range I: -40°C to +80°C Range II: -40°C to +120°C

4. Authorized representative: *J.*

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-11/0415 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	C1, C4	EAD 330232-00-0601
Characteristic resistance for shear	ETAG 001, Annex C CEN/TS 1992-4	C2, C5	
Characteristic resistance for seismic loading	TR 045	C6	
Displacement for serviceability limit state	ETAG 001, Annex C CEN/TS 1992-4	C12	
Characteristic resistance under fire exposure	NPD	NPD	

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