



DECLARATION OF PERFORMANCE

Nr. 0908000001-2014-05

1. Unique identification code of the product-type: **Highload Anchor SZ**
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

ETA-02/0030, Annex 2

Batch number: see packaging of the product

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

generic type	torque controlled expansion anchor (sleeve type)
for use in	cracked and non-cracked concrete C20/25 - C50/60 (EN 206)
option	1
loading	static or quasi-static, seismic (performance category C1)
material	<u>zinc-plated steel:</u> dry internal conditions only covered sizes: SZ-B (M6, M8, M10, M12, M16, M20); SZ-S (M6, M8, M10, M12, M16, M20); SZ-SK (M6, M8, M10, M12) <u>stainless steel (marking A4):</u> internal and external use without particular aggressive conditions covered sizes: SZ-B (M8, M10, M12, M16); SZ-S (M8, M10, M12, M16); SZ-SK (M8, M10, M12)
temperature range (if applicable)	--

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

RECA NORM GmbH
Am Wasserturm 4
74635 Kupferzell

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): --
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 1**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard: --

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

issued **Deutsches Institut für Bautechnik, Berlin**
 on the basis of **ETA-02/0030**
ETAG 001-2

The notified body 0756-CPD performed under system 1:

- (i) determination of the product type on the basis of type testing (including sampling), type calculation, tabulated values or descriptive documentation of the product;
- (ii) initial inspection of the manufacturing plant and of factory production control;
- (iii) continuous surveillance, assessment and evaluation of factory production control

and issued: Certificate of conformity 0756-CPD-0006

9. Declared performance:

Essential Characteristics	Design Method	Performance		Harmonized Technical Specification
		Steel, zinc-plated	Stainless steel A4	
characteristic resistance for tension (static or quasi-static)	ETAG 001, Annex C	ETA-02/0030, Annex 5	ETA-02/0030, Annex 15	ETAG 001
	CEN/TS 1992-4	ETA-02/0030, Annex 9	ETA-02/0030, Annex 19	
characteristic resistance for shear (static or quasi-static)	ETAG 001, Annex C	ETA-02/0030, Annex 6	ETA-02/0030, Annex 16	
	CEN/TS 1992-4	ETA-02/0030, Annex 10	ETA-02/0030, Annex 20	
characteristic resistance for seismic action	TR 045	ETA-02/0030, Annex 13	ETA-02/0030, Annex 23	
minimum spacing and minimum edge distance	ETAG 001, Annex C	ETA-02/0030, Annex 4	ETA-02/0030, Annex 14	
	CEN/TS 1992-4			
displacement for serviceability limit state	ETAG 001, Annex C	ETA-02/0030, Annex 5, 6	ETA-02/0030, Annex 15, 16	
	CEN/TS 1992-4	ETA-02/0030, Annex 9, 10	ETA-02/0030, Annex 19, 20	
characteristic resistance under fire exposure	ETAG 001, Annex C	ETA-02/0030, Annex 7, 8	ETA-02/0030, Annex 17, 18	
	CEN/TS 1992-4	ETA-02/0030, Annex 11, 12	ETA-02/0030, Annex 21, 22	

Where pursuant to Article 37 or 38 in the Specific Technical Documentation has been used, the requirements with which the product complies: --

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10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

ppa. Wolfgang Rau, Divisional director Product Management
(name and function)

Kupferzell, 2014-05-26
(place and date of issue)

(signature)