



... eine starke Verbindung

DECLARATION OF PERFORMANCE
DoP No. MKT-110 - en

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

ETA-99/0010, Annex 3 and 21
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 (bolt type (with internal thread))
for use in	cracked and non-cracked concrete, C20/25 - C50/60 (EN 206)
option	1
loading	static or quasi-static
material	<u>zinc-plated steel:</u> dry internal conditions only covered sizes: BZ plus: M8, M10, 70 M12, M16, M20, M24, M27 BZ-IG: M6, M8, M10, M12 <u>stainless steel (marking A4):</u> internal and external use without particular aggressive conditions covered sizes: BZ plus: M8, M10, 70 M12, M16, M20, M24 BZ-IG: M6, M8, M10, M12 <u>highly corrosion resistant steel (marking HCR):</u> internal and external use with particular aggressive conditions covered sizes: BZ plus: M8, M10, 70 M12, M16, M20, M24 BZ-IG: M6, 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):

MKT Metall-Kunststoff-Technik GmbH & Co. KG
Auf dem Immel 2
D - 67685 Weilerbach

- 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:

Deutsches Institut für Bautechnik, Berlin

issued

ETA-99/0010

on the basis of

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-0016

9. Declared performance:

Essential Characteristics	Design Method	Performance		Harmonized Technical Specification
		BZ plus	BZ-IG	
characteristic resistance for tension	ETAG 001, Annex C	ETA-99/0010, Annex 8, 9	ETA-99/0010, Annex 26	ETAG 001
	CEN/TS 1992-4	ETA-99/0010, Annex 14, 15	ETA-99/0010, Annex 30	
characteristic resistance for shear	ETAG 001, Annex C	ETA-99/0010, Annex 11	ETA-99/0010, Annex 27	
	CEN/TS 1992-4	ETA-99/0010, Annex 17	ETA-99/0010, Annex 31	
minimum spacing and minimum edge distance	ETAG 001, Annex C	ETA-99/0010, Annex 7	ETA-99/0010, Annex 23	
	CEN/TS 1992-4	ETA-99/0010, Annex 7	ETA-99/0010, Annex 23	
displacement for serviceability limit state	ETAG 001, Annex C	ETA-99/0010, Annex 10, 11	ETA-99/0010, Annex 26, 27	
	CEN/TS 1992-4	ETA-99/0010, Annex 16, 17	ETA-99/0010, Annex 30, 31	
characteristic resistance under fire exposure	ETAG 001, Annex C	ETA-99/0010, Annex 12, 13	ETA-99/0010, Annex 28, 29	
	CEN/TS 1992-4	ETA-99/0010, Annex 18, 19	ETA-99/0010, Annex 32, 33	

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

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:

L. Weustenhagen
Lore Weustenhagen
 (General Manager)

Weilerbach, 30.06.2013

i.V. *Detlef Bigalke*
Dipl.-Ing. Detlef Bigalke
 (Head of product development)

