

DECLARATION OF PERFORMANCE
DoP No. MKT-122 - en

1. Unique identification code of the product-type: **MKT 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 A2
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; all sizes seismic, performance category C1 + C2 -covered sizes: SZ-B + SZ-S (12/M8, 15/M10, 18/M12, 24/M16, 24/M16L, 28/M20) SZ-SK (12/M8, 15/M10, 18/M12)
material	<u>zinc-plated steel:</u> dry internal conditions only - covered sizes: SZ-B (10/M6, 12/M8, 15/M10, 18/M12, 24/M16, 24/M16L, 28/M20) SZ-S (10/M6, 12/M8, 15/M10, 18/M12, 24/M16, 24/M16L, 28/M20) SZ-SK (10/M6, 12/M8, 15/M10, 18/M12) <u>stainless steel (marking A4):</u> internal and external use without particular aggressive conditions covered sizes: SZ-B (12/M8, 15/M10, 18/M12, 24/M16) SZ-S (12/M8, 15/M10, 18/M12, 24/M16) SZ-SK (12/M8, 15/M10, 18/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:

issued **Deutsches Institut für Bautechnik, Berlin**

ETA-02/0030

on the basis of **EAD 330232-00-0601**

The notified body 1343-CPR 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 constancy of performance 1343-CPR-M 550-9

9. Declared performance:

Essential Characteristics	Design Method	Performance		Harmonized Technical Specification
		Steel, zinc-plated	Stainless steel A4	
characteristic resistance for tension	FprEN 1992-4:2016 und TR 055	Annex C1, C2	Annex C1, C3	EAD 330232-00-0601
characteristic resistance for shear	FprEN 1992-4:2016 und TR 055	Annex C4	Annex C5	
characteristic resistance for seismic action	FprEN 1992-4:2016 und TR 055	Annex C6	Annex C7	
displacement for serviceability limit state	FprEN 1992-4:2016 und TR 055	Annex C9	Annex C10	
characteristic resistance under fire exposure	FprEN 1992-4:2016 und TR 055	Annex C8	Annex C8	

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:


Stefan Weustenhagen
 (General Manager)
 Weilerbach, 22.08.2017

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

