

Declaration of Performance

according Annex III, EU no. 305/2011

for KALM Wedge Anchor

KDK, KDK-E, KDK-H

Nr. 2873-CPR-470-2/02.15

1. *Unique identification code of the product type:*

ETAG 001-2: Torque controlled expansion anchor

Option 1: Approval for cracked and non-cracked concrete of strength classes C20/25 – C50/60

2. *Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*

Batch number: At the inner side of the packing box

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

Fixation of heavy weights in concrete

4. *Name, registered trade name or trade mark and contact address of the manufacturer as required pursuant to Article 12(2):*

Wedge anchor KDK, KDK-E, KDK-
H KALM Fixing Systems GmbH
Marie-Curie-Straße 5
67661 Kaiserslautern

5. *Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):*

according point 4

6. *System of assessment and verification of constancy of performance of the construction product as set out in Annex V:*

System 2+

7. In case of declaration of performance concerning a construction product covered by a harmonised standard:

Not relevant

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

The notified body (Technische Universität Darmstadt, Institut für Massivbau, Petersenstraße 12, 64287 Darmstadt), performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of the factory production control under system 2+ and issued:

Certificate of conformity of the factory production control

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9. Declared performance:

Class	Option 1	ETAG 001
Fire protection	F 120	DIN 4102-4
Class of concrete	C 20/25 – C50/60	EN 206
Concrete	Cracked and non-cracked	
Characteristic resistance at the pullout failure* ($N_{rk,P}$)	<u>Cracked concrete:</u> M8: 3,0 kN; M10: 6,0 kN; M12: 7,5 kN; M16: 12,0 kN <u>Non-cracked concrete:</u> M8: 9,0 kN; M10: 12,0 kN; M12: 16,0 kN; M16: 20,0 kN	ETA 05-0241

* The recommended load is only valid under consideration of statement ETA 05-0241

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:

Rüdiger Kries, Quality Agent

Kaiserslautern, 26.02.2021

(Signature)