DECLARATION OF PERFORMANCE

DoP No.: 2936-CPR-007-EN

1. Unique identification code of the product-type:

B+BTec Chemical Capsule Anchor VD-Quartz

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

Expiration date/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:	**Bonded glass capsule anchor for use in concrete**
For use in:	**Concrete C20/25 to C50/60 acc. EN206-1: 2000-12** **Sizes M8, M10, M12, M14, M16, M20, M22, M24 and M30**
Option/category:	**1 (EAD 330499-02-0601)**
Loading:	**Static or quasi-static**
Material(s):	**Zinc plated or hot dip galvanised** **Dry internal conditions only** **Sizes M8, M10, M12, M14, M16, M20, M22, M24 and M30** **Stainless steel A4-70/A4-80** **Internal and external use without particular aggressive conditions** **Sizes M8, M10, M12, M14, M16, M20, M22, M24 and M30** **High corrosion resistant steel C-70/C-80** **Internal and external use with particular aggressive conditions** **Sizes M8, M10, M12, M14, M16, M20, M22, M24 and M30**
Temperature range(s):	**-40°C to +40°C (max. short term +40°C and max. long term +24°C)** **-40°C to +80°C (max. short term +80°C and max. long term +50°C)**

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

B+BTec International, Munterij 8, 4762AH, Zevenbergen, The Netherlands

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

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: N.A.

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

ET-Danmark A/S has issued the
European Technical Assessment ETA-23/0870
on the basis of
EOTA EAD 330499-02-0601
The Notified Body 2936 performed

third-party tasks, as described in Annex V of System 1,
and has issued Certificate of Conformity 2936-CPR-007.

DECLARATION OF PERFORMANCE

DoP No.: 2936-CPR-007-EN

9. Declared performance:

Essential Characteristics	Recommended Tension Loads [kN]				Recommended Shear Loads [kN]
	Hammer drilled		Diamond core drilled		
	non-cracked	cracked	non-cracked	cracked	
B+BTec VD-Q M8 - 5.8	8,6	n.a.	n.a.	n.a.	5,1
B+BTec VD-Q M10 - 5.8	13,8	6,7	13,8	7,4	8,0
B+BTec VD-Q M12 - 5.8	19,7	9,9	19,7	10,9	12,0
B+BTec VD-Q M16 - 5.8	29,9	15,0	29,9	18,0	22,3
B+BTec VD-Q M20 - 5.8	48,3	30,5	48,3	30,5	34,9
B+BTec VD-Q M24 - 5.8	71,3	49,0	71,3	45,2	50,3
B+BTec VD-Q M30 - 5.8	91,5	n.a.	91,5	n.a.	80,0
** Single anchor in concrete C20/25 at long/short term T = 50/80° C*					
** No influence of edge- or center-to-center distances*					
** Technical Documentation*	Technical Data Sheet VD-Quartz (05/2025)				
** Harmonized Standard*	EAD 330499-02-0601 | ETA-23/0870				

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:

R.G.W. van den Boogaart
General Manager
(Name and title)

G.A. Kant
Q.A. Manager

Zevenbergen, May 2025
(Place and date of issue)

European Technical Assessment
Option 1 for cracked concrete
ETA-23/0870