

EN

DECLARATION OF PERFORMANCE

DoP No. Hilti HAC 0672-CPD-0246

1. Unique identification code of the product-type:
Anchor Channel Hilti HAC with special screw HBC

2. Type, batch or serial number as required pursuant to Article 11(4):
 See: ETA-11/0006 (28.02.2012) annex 2, 7.

Batch number: *For Hilti Anchor Channel HAC stamped on channel. For special screw HBC, see packaging of the product*

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

Generic type	Anchor channel, embedded surface-flush in the concrete. Special screws HBC are fixed in the channel.
For use in	<u>concrete (C12/15 to C90/105),</u> <ul style="list-style-type: none"> • non-cracked: HAC-10 – HAC-70 • cracked: HAC-10 – HAC-70
Option / Category	not applicable
Loading	<ul style="list-style-type: none"> • static, • quasi-static • fatigue: HAC-30 in combination with HBC-B and HAC-40 to HAC-70 in combination with HBC-C • resistance to fire
Material	<p><u>Electroplated carbon steel</u> - For dry internal use only Special screw HBC-A: Ø 8, Ø 10, Ø 12 Special screw HBC-B: Ø 8, Ø 10, Ø 12 Special screw HBC-C: Ø 10, Ø 12, Ø 16, Ø 20</p> <p><u>Hot-dip galvanized steel</u> - For internal use with usual humidity Anchor Channel: HAC-10, HAC-20, HAC-30, HAC-40, HAC-50, HAC-60, HAC-70 Special screw HBC-A: Ø 8, Ø 10, Ø 12 Special screw HBC-B: Ø 8, Ø 10, Ø 12 Special screw HBC-C: Ø 10, Ø 12, Ø 16, Ø 20 Special screw HBC-C-E: Ø 12, Ø 16 Special screw HBC-C-N: Ø 16, Ø 20</p> <p><u>Stainless steel A4</u> - For internal and external use with no particular aggressive conditions Special screw HBC-A: Ø 8, Ø 10, Ø 12 Special screw HBC-C: Ø 10, Ø 12, Ø 16, Ø 20</p>
Temperature range (if applicable)	-

4. Name, registered trade name or registered trade mark and contact address as required pursuant to Article 11(5):
Hilti Corporation, Business Unit Anchors, 9494 Schaan, Fürstentum Liechtenstein

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:

- Technical Assessment Body: *Deutsches Institut für Bautechnik (DIBt)*
- European Technical Assessment: *ETA-11/0006 (28.02.2012)*
- European Assessment Document: *CUAP 06.01/01 :2010; EOTA TR 20*
- Certificate of Conformity: *0672-CPD-0642*

9. Declared performance:

Essential characteristics	Design method	Performance	Harmonized Technical Specification
Characteristic resistance for tension	ETA design method	ETA-11/0006: annex 11, 12, 13 ETA-11/0006: annex 18, 19 (fire design)	CUAP 06.01/01 :2010
Characteristic resistance for shear		ETA-11/0006: annex 14, 15, 16, 17 ETA-11/0006: annex 20 (fire design)	
Minimum anchoring depth, edge distance and member thickness		ETA-11/0006: annex 8	
Fatigue design		ETA-11/0006: annex 21, 22, 23, 24, 25, 26	

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:



Raimund Zaggl
Business Unit Head
Business Unit Anchors



Seppo Perämäki
Head of Quality
Business Unit Anchors

