

DECLARATION OF PERFORMANCE

No. 2873-CPR-201-22

1. Unique identification code of the product type:

Post-installed rebar connection Hilti HIT-RE 500 V3

2. Intended use/es:

Product	Intended use
Post-installed rebar connection	Product for fixing to- or connecting/supporting of- building structures

3. Manufacturer:

Hilti Aktiengesellschaft Business Unit Anchors, 9494 Schaan, Principality of Liechtenstein

4. System/s of AVCP:

System 1

5. European Assessment Document

EAD 330087-01-0601

European Technical Assessment:

ETA-16/0142 (18.07.2025)

Technical Assessment Body:

CSTB – Centre Scientifique et Technique du Batiment

Notified body/ies:

2873 - IFSW Darmstadt

6. Declared performance/s:**Mechanical resistance and stability (BWR 1)**

Essential characteristic	Performance
Characteristic resistance for static and quasi static loads	See Annex C1, C2
Characteristic resistance under seismic action	See Annex C3

Safety in case of fire (BWR 2)

Essential characteristic	Performance
Reaction to fire	Anchorage satisfy requirements for class A1
Resistance to fire	See Annex C4

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above

Signed for and on behalf of the manufacturer by:

**Lars Taenzer**

Business Unit Head

Business Unit Anchor

**Jürgen Gebhard**

Head of Quality

Business Unit Anchor

DECLARATION OF PERFORMANCE

No. 2873-CPR-201-23

1. Unique identification code of the product type:

Injection system for use in concrete Hilti HIT-RE 500 V3

2. Intended use/es:

Product	Intended use
Metal anchors for use in concrete	Product for fixing to- or connecting/supporting of- building structures

3. Manufacturer:

Hilti Aktiengesellschaft Business Unit Anchors, 9494 Schaan, Principality of Liechtenstein

4. System/s of AVCP:

System 1

5. European Assessment Document

EAD 330499-01-0601

European Technical Assessment:

ETA-16/0143 (25.09.2023)

Technical Assessment Body:

CSTB – Centre Scientifique et Technique du Batiment

Notified body/ies:

2873 - IFSW Darmstadt

6. Declared performance/s:**Mechanical resistance and stability (BWR 1)**

Essential characteristic	Performance
Characteristic resistance for static and quasi static loads, displacements	See Annex C1 - C20
Characteristic resistance for seismic performance category C1	See Annex C21 - C24
Characteristic resistance for seismic performance category C2, displacements	See Annex C25 - C26

Safety in case of fire (BWR 2)

Essential characteristic	Performance
Reaction to fire	Anchorage satisfy requirements for class A1
Resistance to fire	No performance determined

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above

Signed for and on behalf of the manufacturer by:

**Lars Taenzer**

Business Unit Head

Business Unit Anchor

**Jürgen Gebhard**

Head of Quality

Business Unit Anchor

DECLARATION OF PERFORMANCE

No. 2873-CPR-201-48

1. Unique identification code of the product type:

Glued-in rods for timber connections Hilti HIT-RE 500 V3

2. Intended use/es:

Product	Intended use
Glued-in rods for timber connections	For use in load-bearing timber-to-timber, timber-to-concrete or timber-to-metal connections or as reinforcement rods

3. Manufacturer:

Hilti Aktiengesellschaft Business Unit Anchors, 9494 Schaan, Principality of Liechtenstein

4. System/s of AVCP:

System 1

5. European Assessment Document

EAD 130006-00-0304

European Technical Assessment:

ETA-19/0194 (12.09.2019)

Technical Assessment Body:

OIB - Österreichisches Institut für Bautechnik

Notified body/ies:

2873 - IFSW Darmstadt

6. Declared performance/s:**Mechanical resistance and stability (BWR 1)**

Essential characteristic	Performance
Temperature behaviour of the adhesive	See Annex NPD
Bond strength of adhesive-wood interface	See Annex C2
Pulling resistance (Bond shear strength of glued-in steel rods)	See Annex C2
Embedment strength	See Annex NPD
Shear resistance	See Annex NPD
Creep and duration of load	See Annex C2
Bond creep rupture test at very high and low moisture content	See Annex C2
Bond temperature resistance	See Annex C2

Safety in case of fire (BWR 2)

Essential characteristic	Performance
Reaction to fire	Anchorage satisfy requirements for class C2
Resistance to fire	No performance determined

Hygiene, health and environment (BWR3)

Essential characteristic	Performance
Content, emission and/or release of dangerous substances	No performance determined

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above

Signed for and on behalf of the manufacturer by:

Hilti Aktiengesellschaft
Schaan, 2021-05-21





A handwritten signature in blue ink, reading "Lars Taenzer".

Lars Taenzer

Business Unit Head

Business Unit Anchor

A handwritten signature in blue ink, reading "J. Gebhard".

Jürgen Gebhard

Head of Quality

Business Unit Anchor



DECLARATION OF PERFORMANCE

No. 2873-CPR-201-64

1. Unique identification code of the product type:

Post-installed rebar connection Hilti HIT-RE 500 V3

2. Intended use/es:

Product	Intended use
Post-installed rebar connection	For fixing and/or supporting to concrete, structural elements (which contributes to the stability of the works) or heavy units.

3. Manufacturer:

Hilti Aktiengesellschaft Business Unit Anchors, 9494 Schaan, Principality of Liechtenstein

4. System/s of AVCP:

System 1

5. European Assessment Document

EAD 330087-00-0601 v01 (Edition 03-2020)

European Technical Assessment:

ETA-20/0125 (23.03.2020)

Technical Assessment Body:

CSTB – Centre Scientifique et Technique du Batiment

Notified body/ies:

2873 - IFSW Darmstadt

6. Declared performance/s:**Mechanical resistance and stability (BWR 1)**

Essential characteristic	Performance
Characteristic resistance for 100 years working life	See Annex C1&C2

Safety in case of fire (BWR 2)

Essential characteristic	Performance
Reaction to fire	Anchorage satisfy requirements for class A1
Resistance to fire	See Annex C3

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above

Signed for and on behalf of the manufacturer by:

**Lars Taenzer**

Business Unit Head

Business Unit Anchor

**Jürgen Gebhard**

Head of Quality

Business Unit Anchor

DECLARATION OF PERFORMANCE

No. 2873-CPR-201-24

1. Unique identification code of the product type:**2. Intended use/es:**

Product	Intended use
Metal anchors for use in concrete	For fixing and/or supporting to concrete, structural elements (which contributes to the stability of the works) or heavy units.

3. Manufacturer:

Hilti Aktiengesellschaft Business Unit Anchors, 9494 Schaan, Principality of Liechtenstein

4. System/s of AVCP:

System 1

5. European Assessment Document

ETAG 001, Part PART 5 (Edition (Edition 04-2013)) Used as an EAD

European Technical Assessment:

ETA-16/0180(04/10/2018)

Technical Assessment Body:

DIBt – Deutsches Institut für Bautechnik

Notified body/ies:

2873 - IFSW Darmstadt

6. Declared performance/s:**Mechanical resistance and stability (BWR 1)**

Essential characteristic	Performance
Characteristic resistance for static and quasi static loads, displacements	See Annex C1-C19
Characteristic resistance for seismic performance category C1	See Annex C10-C12

Safety in case of fire (BWR 2)

Essential characteristic	Performance
Reaction to fire	Anchorage satisfy requirements for class A1
Resistance to fire	No performance determined

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above

Signed for and on behalf of the manufacturer by:

**Lars Taenzer**

Business Unit Head

Business Unit Anchor

**Jürgen Gebhard**

Head of Quality

Business Unit Anchor

DECLARATION OF PERFORMANCE

No. 2873-CPR-201-85

1. Unique identification code of the product type:

Post-installed rebar connection Hilti HIT-RE 500 V3

2. Intended use/es:

Product	Intended use
Post-installed rebar connection	Product for fixing to- or connecting/supporting of- building structures

3. Manufacturer:

Hilti Aktiengesellschaft Business Unit Anchors, 9494 Schaan, Principality of Liechtenstein

4. System/s of AVCP:

System 1

5. European Assessment Document

EAD 330087-02-0601-v01

European Technical Assessment:

ETA-25/0449 (17.07.2025)

Technical Assessment Body:

CSTB – Centre Scientifique et Technique du Batiment

Notified body/ies:

2873 - IFSW Darmstadt

6. Declared performance/s:**Mechanical resistance and stability (BWR 1)**

Essential characteristic	Performance
Characteristic resistance for static and quasi static loads	See Annex C1
Characteristic resistance under seismic action	See Annex C2

Safety in case of fire (BWR 2)

Essential characteristic	Performance
Reaction to fire	Anchorage satisfy requirements for class A1
Resistance to fire	See Annex C3

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above

Signed for and on behalf of the manufacturer by:

**Lars Taenzer**

Business Unit Head

Business Unit Anchor

**Jürgen Gebhard**

Head of Quality

Business Unit Anchor