

# 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 | For fixing and/or supporting to concrete, structural elements (which contributes to the stability of the works) or heavy units. |

**3. Manufacturer:**

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

**4. System/s of AVCP:**

System 1

**5. European Assessment Document**

EAD 331522-00-0601

**European Technical Assessment:**

ETA-16/0142 (27.05.2019)

**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 and 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                                |

**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:

**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:**

Bonded screw fastener for use in concrete Hilti HIT-RE 500 V3

**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 Corporation 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-201-41

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

Connector Hilti HCC-B with Injection system Hilti HIT Hilti HIT-RE 500 V3

**2. Intended use/es:**

| Product   | Intended use   |
|---|--|
| Connector for strengthening of existing concrete structures by concrete overlay | Connector for connecting two layers of concrete cast at different times (existing concrete and concrete overlay) |

**3. Manufacturer:**

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

**4. System/s of AVCP:**

System 1

**5. European Assessment Document**

EAD 332347-00-0601

**European Technical Assessment:**

ETA-18/1022 (15.06.2021)

**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 resistances in existing concrete; edge distance and spacing (static and quasi-static tension loading) | See Annex C1,C2,C3,B3 |
| Characteristic resistances in concrete overlay; edge distance and spacing (static and quasi-static tension loading)  | See Annex C4,B3       |
| Shear interface parameters under static, quasi-static and fatigue cyclic loading                                     | See Annex C4          |

**Safety in case of fire (BWR 2)**

| Essential characteristic | Performance                                 |
|--------------------------|---|
| Reaction to fire         | Anchorage satisfy requirements for class A1 |

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 Corporation 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:



A handwritten signature in blue ink that reads "Lars Taenzer".

**Lars Taenzer**  
Business Unit Head  
Business Unit Anchor

A handwritten signature in blue ink that reads "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 Corporation 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-201-40

**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 Corporation Business Unit Anchors, 9494 Schaan, Principality of Liechtenstein

**4. System/s of AVCP:**

System 1

**5. European Assessment Document**

EAD EAD 332077-00-0601

**European Technical Assessment:**

ETA-18/0745(04/10/2018)

**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 to C16  |
| Characteristic resistance for seismic performance category C1                | See Annex C17 to C20 |
| Characteristic resistance for seismic performance category C2, displacements | See Annex C21        |

**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

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**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 Corporation 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                   |

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