

**DECLARATION OF PERFORMANCE**

No. 2873-CPR-201-68

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

Post-installed rebar connection Hilti HIT-RE 500 V4

**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 332402-00-0601-v02

**European Technical Assessment:**

ETA-20/0539 (13.12.2023)

**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       |
|----------------------------------------------------------------------------|-------------------|
| Resistance to combined pull-out and concrete failure in uncracked concrete | See Annex C2 & C3 |
| Resistance to concrete cone failure                                        | See Annex C1      |
| Resistance to bond-splitting failure                                       | See Annex C4 & C5 |

**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-201-66

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

Injection system for use in concrete Hilti HIT-RE 500 V4

**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**

EAD 330499-02-0601

**European Technical Assessment:**

ETA-20/0541 (09.06.2023)

**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 - C28  |
| Characteristic resistance for seismic performance category C1                | See Annex C29 - C35 |
| Characteristic resistance for seismic performance category C2, displacements | See Annex C36 - C38 |

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

| Essential characteristic | Performance                                 |
|--------------------------|---------------------------------------------|
| Reaction to fire         | Anchorage satisfy requirements for class A1 |
| Resistance to fire       | See Annex C39 - C42                         |

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-201-71

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

Post-installed rebar connection Hilti HIT-RE 500 V4

**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**

EAD 330087-01-0601

**European Technical Assessment:**

ETA-20/0793 (26.11.2020)

**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 under seismic action | See Annex C1 & C2 |

**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-201-67

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

Post-installed rebar connection Hilti HIT-RE 500 V4

**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 330087-01-0601

**European Technical Assessment:**

ETA-20/0540 (13.12.2023)

**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 | See Annex C1 - C3 |
| Characteristic resistance under seismic action              | See Annex C4 & C5 |

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

| Essential characteristic | Performance                                 |
|--------------------------|---------------------------------------------|
| Reaction to fire         | Anchorage satisfy requirements for class A1 |
| Resistance to fire       | See Annex C6 & C7                           |

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-201-75

1. Unique identification code of the product type:  
Glued-in rods for timber connections Hilti HIT-RE 500 V4

2. Intended use/es:

| Product                              | Intended use                                               |
|--------------------------------------|------------------------------------------------------------|
| Glued-in rods for timber connections | Connecting wood to wood, wood to steel or wood to concrete |

3. Manufacturer:  
Hilti Aktiengesellschaft Business Unit Anchors, 9494 Schaan, Principality of Liechtenstein

4. System/s of AVCP: System 3

5. European Assessment Document EAD 130006-00-0304  
European Technical Assessment: ETA-20/0834 (13.11.2023)  
Technical Assessment Body: OIB - Österreichisches Institut für Bautechnik  
Notified body/ies:

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

| Essential characteristic                                        | Performance       |
|-----------------------------------------------------------------|-------------------|
| Pulling resistance (Bond shear strength of glued-in steel rods) | See Annex Annex 2 |
| Creep and duration of load                                      | See Annex Annex 2 |
| Bond creep rupture test at very high and low moisture content   | See Annex Annex 2 |
| Bond temperature resistance                                     | See Annex Annex 2 |
| Bond strength in longitudinal tensile shear strength            | See Annex Annex 2 |
| Resistance to delamination                                      | See Annex Annex 2 |
| Effect of wood shrinkage on the shear strength                  | See Annex Annex 2 |
| Effect of compression shear and climatic changes                | See Annex Annex 2 |

Safety in case of fire (BWR 2)

| Essential characteristic | Performance                                      |
|--------------------------|--------------------------------------------------|
| Reaction to fire         | Anchorage satisfy requirements for class Annex 2 |

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 blue ink signature of Lars Taenzer, written in a cursive style.

**Lars Taenzer**

Business Unit Head

Business Unit Anchor

A blue ink signature of Jürgen Gebhard, written in a cursive style.

**Jürgen Gebhard**

Head of Quality

Business Unit Anchor



**DECLARATION OF PERFORMANCE**

No. 2873-CPR-201-84

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

Post-installed rebar connection Hilti HIT-RE 500 V4

**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-25/0448 (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, 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, C5                            |

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