

DECLARATION OF PERFORMANCE

No. 2873-CPR-201-72

1. Unique identification code of the product type:

Screw anchor Hilti-HUS4

2. Intended use/es:

Product	Intended use
Metal anchors for use in concrete	For permanent anchorage under static actions or quasi-static actions in reinforced or non-reinforced normal weight concrete

3. Manufacturer:

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

4. System/s of AVCP:

System 1

5. European Assessment Document

EAD 330232-01-0601 (Edition 01/2024)

European Technical Assessment:

ETA-20/0867 (25.04.2024)

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 seismic performance category C1	See Annex C6, C7, C8
Characteristic resistance for seismic performance category C2, displacements	See Annex C9, C17
Displacements (static and quasi-static loading)	See Annex C15, C16
Characteristic resistance for static and quasi static loads	See Annex B4 - B9, C1 - 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 C10 - C14

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-201-73

1. Unique identification code of the product type:

Bonded screw fastener for use in concrete Hilti-HUS4

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 332795-00-0601

European Technical Assessment:

ETA-18/1160 (27.07.2022)

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 B5, B6, C1, C2, C3, C7, C8
Characteristic resistance for seismic performance category C1	See Annex C4
Characteristic resistance for seismic performance category C2, displacements	See Annex C5, C8

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

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-201-78

1. Unique identification code of the product type:

Connector Hilti-HUS4

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 EAD 332347-00-601-V1

European Technical Assessment:

ETA-21/0969 (16.05.2022)

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 B2, B3, B4, C1, C2
Characteristic resistances in concrete overlay; edge distance and spacing (static and quasi-static tension loading)	See Annex B2, B3, B4, C3
Shear interface parameters under static, quasi-static and fatigue cyclic loading	See Annex C6
Characteristic resistances in existing concrete for seismic performance category C1 and C2	See Annex C4
Characteristic resistances in concrete overlay for seismic performance category C1	See Annex C5
Characteristic resistances in concrete overlay for seismic performance category C2	See Annex 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

