

Accreditation



The Deutsche Akkreditierungsstelle attests with this **Accreditation Certificate** that

Karlsruher Institut für Technologie

with its certification body

Versuchsanstalt für Stahl, Holz und Steine Otto Ammann-Platz 1, 76131 Karlsruhe

meets the requirements according to DIN EN ISO/IEC 17065:2013 for the conformity assessment activities listed in the annex to this certificate. This includes additional existing legal and normative requirements for the certification body, including those in relevant sectoral schemes, provided they are explicitly confirmed in the annex to this certificate

The management system requirements of DIN EN ISO/IEC 17065 are written in the language relevant to the operations of certification bodies and confirm generally with the principles of DIN EN ISO 9001.

This accreditation was issued in accordance with Art. 5 Para. 1 Sentence 2 of Regulation (EC) 765/2008, after an accreditation procedure was carried out in compliance with the minimum requirements of DIN EN ISO/IEC 17011 and on the basis of a review and decision of the appointed accreditation committees.

This accreditation certificate only applies in connection with the notices of 24.07.2023 with accreditation number D-ZE-11068-02.

It consists of this cover sheet, the reverse side of the cover sheet and the following annex with a total of 9 pages.

Registration number of the accreditation certificate: **D-ZE-11068-02-00**

Berlin, 24.07.2023

Dipl.-Ing. Evelyn Körner
Head of Technical Unit

Translation issued:
24.07.2023



Dipl.-Ing. Evelyn Körner
Head of Technical Unit

The certificate together with the annex reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH (www.dakks.de).

This document is a translation. The definitive version is the original German accreditation certificate.

See notes overleaf

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The Deutsche Akkreditierungsstelle GmbH (DAkKS) is the entrusted national accreditation body of the Federal Republic of Germany according to § 8 section 1 AkkStelleG in conjunction with § 1 section 1 AkkStelleGBV. DAkKS is designated as the national accreditation authority by Germany according to Art. 4 Para. 4 of Regulation (EC) 765/2008 and clause 4.7 of DIN EN ISO/IEC 17000.

Pursuant to Art. 11 section 2 of Regulation (EC) 765/2008, the accreditation certificate shall be recognised as equivalent by the national authorities within the scope of this Regulation as well as by the WTO member states that have committed themselves in bilateral or multilateral mutual agreements to recognise the certificates of accreditation bodies that are members of ILAC or IAF as equivalent.

DAkKS is a signatory to the multilateral agreements for mutual recognition of the European co-operation for Accreditation (EA), International Accreditation Forum (IAF) and International Laboratory Accreditation Co-operation (ILAC).

The up-to-date state of membership can be retrieved from the following websites:

EA: www.european-accreditation.org
ILAC: www.ilac.org
IAF: www.iaf.nu

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-ZE-11068-02-00 according to DIN EN ISO/IEC 17065:2013

Valid from: 24.07.2023

Date of issue: 07.08.2023

Holder of accreditation certificate:

Karlsruher Institut für Technologie

with its certification body

**Versuchsanstalt für Stahl, Holz und Steine
Otto Ammann-Platz 1, 76131 Karlsruhe**

The certification body meets the requirements of DIN EN ISO/IEC 17065:2013 to carry out the conformity assessment activities listed in this annex. The certification body meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO/IEC 17065 are written in the language relevant to the operations of certification bodies and confirm generally with the principles of DIN EN ISO 9001.

Certification of products, product groups and components from the product areas of Timber construction, steel and lightweight construction as well as their factory production control

Certification of construction products (systems for assessment and verification of constancy of performance 1 and 1+) and factory production control (system 2+) within the framework of Regulation No. 305/2011 laying down harmonised conditions for the marketing of construction products (Construction Products Regulation)

This certificate annex is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at <https://www.dakks.de>.

Abbreviations used: see last page

Page 1 of 9

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

Annex to the Accreditation Certificate D-ZE-11068-02-00

1 Certifications of products, product groups and components as well as their factory production control

1.1 Timber construction

prDIN EN 14732 2014-08	Timber structures - Structural prefabricated wall, floor and roof elements - Requirements (<i>standard withdrawn</i>)
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1.2 Steel and light-weight construction

prDIN EN 17235 2018-09	Permanent anchor devices and safety hooks
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CUAP 06.02/13	Blind rivets for metal members and sheeting
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CUAP 06.02/18	Special securing washer for high-strength structural bolting assemblies for preloading under dynamic loads or vibrations
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ETA-13/0246	Nord-Lock SC bolt securing washer
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ICC AC 464 2017-06	Acceptance criteria for load bearing thermal break assemblies installed between concrete balconies and concrete floors (certification scheme based on EAD 050001-00-301)
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ZP 02 2023-04	Certification of Façade scaffolds and accessories
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based on:

Scaffold couplings	DIN EN 74-1:2022-09
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Working and protective scaffolds	Z-8.1...
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Scaffolding components and connecting structures with certificate of conformity (ÜZ)	Z-8.22...
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Valid from: 24.07.2023

Date of issue: 07.08.2023

Page 2 of 9

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

Annex to the Accreditation Certificate D-ZE-11068-02-00

2 Certification of construction products (systems of assessment and verification of constancy of performance 1 and 1+) and factory production control (system 2+) within the scope of the Regulation (EU) No 305/2011 laying down harmonised conditions for the marketing of construction products (Construction Products Regulation)

Decision / Decision of the Commission	System ¹⁾	Technical specification
1995/467/EC 2001/596/EC Chimneys, flues and specific products	2+	EN 1457-1:2012 Chimneys - Clay/ceramic flue liners - Part 1: Flue liners operating under dry conditions - Requirements and test methods
		EN 1457-2:2012 Chimneys - Clay/ceramic flue liners - Part 2: Flue liners operating under wet conditions - Requirements and test methods
		EN 1858:2008+A1:2011 Chimneys - Components - Concrete flue blocks
		EN 12446:2011 Chimneys - Components - Concrete outer wall elements
		EN 13063-1: 2005+A1:2007 Chimneys - System chimneys with clay/ceramic flue liners - Part 1: Requirements and test methods for sootfire resistance
		EN 13063-2: 2005+A1:2007 Chimneys - System chimneys with clay/ceramic flue liners - Part 2: Requirements and test methods under wet conditions
		EN 13063-3:2007 Chimneys - System chimneys with clay/ceramic flue liners - Part 3: Requirements and test methods for air flue system chimneys
		EN 13069:2005 Chimneys - Clay/ceramic outer walls for system chimneys - Requirements and test methods
		EN 13084-5:2005+AC:2006 Free-standing chimneys - Part 5: Material for brick liners - Product specifications
		EN 13084-7:2012 Free-standing chimneys - Part 7: Product specifications of cylindrical steel fabrications for use in single wall steel chimneys and steel liners
		EAD 060001-00-0802 Chimney Kit with clay/ceramic flue liner with classification T400 (Minimum) N1 W3 Gxx

Valid from: 24.07.2023

Date of issue: 07.08.2023

Page 3 of 9

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

Annex to the Accreditation Certificate D-ZE-11068-02-00

Decision / Decision of the Commission	System ¹⁾	Technical specification
1995/467/EC 2001/596/EC Chimneys, flues and specific products	2+	EAD 060003-00-0802 Chimney Kit with clay/ceramic flue liner and with specific outer wall with classification T400 (Minimum) N1 W3 Gxx
		EAD 060008-00-0802 Chimney Kit with clay/ceramic flue liner with classification T400 (Minimum) N1/P1 W3 Gxx, and with different outer walls and possible change of outer wall
1997/176/EC 2001/596/EC Structural timber products	1	EN 14080:2013 Timber structures - Glued laminated timber and glued solid timber - Requirements
		EN 15497:2014 Structural finger jointed solid timber - Performance requirements and minimum production requirements
		EAD 130005-00-0304 Solid wood slab element to be used as a structural element in buildings
		EAD 130320-00-0304 Glued laminated timber made of solid hardwood
		EAD 130348-00-0304 Laminated segment timber with rectangular cross section made from radially cut logs
		EAD 140022-00-0304 Prefabricated wood-based loadbearing stressed skin panels
	1 / 2+	EAD 130002-00-0304 Solid wood slab element - element of dowel jointed timber boards to be used as a structural element in buildings -
	2+	EN 14081-1:2005 + A1:2011 Timber structures - Strength graded structural timber with rectangular cross section - Part 1: General requirements
		EN 14250:2010 Timber structures - Product requirements for prefabricated structural members assembled with punched metal plate fasteners
		EN 14545:2008 Timber structures - Connectors - Requirements

Valid from: 24.07.2023

Date of issue: 07.08.2023

Page 4 of 9

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

Annex to the Accreditation Certificate D-ZE-11068-02-00

Decision / Decision of the Commission	System ¹⁾	Technical specification
1997/462/EC wood-based panels	1 / 2+	EN 13986:2004+A1:2015 Wood-based panels for use in construction - Characteristics, evaluation of conformity and marking
1997/463/EC Plastic anchors for use in concrete and masonry	2+	EAD 330387-00-0601 ²⁾ Glas fibre-reinforced plastics (GFRP) connectors for use in sandwich and element walls made of concrete
1997/597/EC Reinforcing and prestressing steel for concrete	1+	EAD 050001-00-0301 Load bearing thermal insulating elements which form a thermal break between balconies and internal floors
		EAD 050001-01-0301 ²⁾ Load bearing thermal insulating elements which form a thermal break between balconies and internal floors
		EAD 160003-00-0301 Double headed studs for the increase of punching shear resistance of flat slabs or footings and ground slabs
1997/638/EC Fasteners for load-bearing purposes / structural timber	2+	ETAG 015:2012 Guideline for European Technical Approval of Three Dimensional Nailing Plates
		EAD 130033-00-0603 Nails and screws for use in nailing plates in timber structures
		EAD 130186-00-0603 Three-dimensional nailing plates
		EAD 130324-00-0603 Inserts for use in timber constructions
1998/143/EC Systems of mechanically fastened flexible roof waterproofing membranes	2+	ETAG 006:2000 Guideline for European Technical Approval of Systems of Mechanically Fastened Flexible Roof Waterproofing Membranes
		EAD 030351-00-0402 Systems of mechanically fastened flexible roof waterproofing sheets
1998/214/EC as amended by 2001/596 EC Structural metallic products and ancillaries	2+	EN 1090-1:2009+A1:2011 Execution of steel structures and aluminium structures - Part 1: Requirements for conformity assessment of structural components
		EN 10025-1:2004 Hot rolled products of structural steels - Part 1: General technical delivery conditions

Valid from: 24.07.2023

Date of issue: 07.08.2023

Page 5 of 9

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

Annex to the Accreditation Certificate D-ZE-11068-02-00

Decision / Decision of the Commission	System ¹⁾	Technical specification
1998/214/EC as amended by 2001/596 EC Structural metallic products and ancillaries	2+	EN 10088-4:2009 Stainless steels - Part 4: Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for construction purposes
		EN 10088-5:2009 Stainless steels - Part 5: Technical delivery conditions for bars, rods, wire, sections and bright products of corrosion resisting steels for construction purposes
		EN 10210-1:2006 Hot finished structural hollow sections of non-alloy and fine grain steels - Part 1: Technical delivery conditions
		EN 10219-1:2006 Cold formed welded structural hollow sections of non-alloy and fine grain steels - Part 1: Technical delivery conditions
		EN 10340:2007+AC:2008 Steel castings for structural uses
		EN 14399-1:2015 High-strength structural bolting assemblies for preloading - Part 1: General requirements
		EN 15048-1:2007 Non-preloaded structural bolting assemblies - Part 1: General requirements
		EN 15088:2005 Aluminium and aluminium alloys - Structural products for construction works - Technical conditions for inspection and delivery
		EN 10343:2009 Steels for quenching and tempering for construction purposes - Technical delivery conditions
		EAD 200001-00-0602 Prefabricated steel and stainless steel wire ropes with end connectors
		EAD 200002-00-0602 Tension Rod System
		EAD 200006-00-0302 ²⁾ Cable nets with fastening components

Valid from: 24.07.2023

Date of issue: 07.08.2023

Page 6 of 9

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

Annex to the Accreditation Certificate D-ZE-11068-02-00

Decision / Decision of the Commission	System ¹⁾	Technical specification
1998/214/EC as amended by 2001/596 EC Structural metallic products and ancillaries	2+	EAD 200022-00-0302 Thermo-mechanically rolled long steel products made of weldable fine grain structural steel of special steel grades
		EAD 200032-00-0602 Prefabricated tension rod systems with special end connectors
		EAD 200035-00-0302 Roof and wall systems with hidden fastenings
		EAD 330153-00-0602 Cartridge fired pin for connections of thin gauge steel members and sheeting
		EAD 330030-00-0601 Fastener of external wall claddings
		EAD 330046-01-0602 Fastening Screws for Metal Members and Sheeting
		EAD 330047-01-0602 Fastening Screws for Sandwich Panels
		EAD 331064-00-0602 ²⁾ Blind rivets for connections of metal sheets and plates
		EAD 331565-00-0602 Wedge-Lock washers for structural bolting assemblies
		EAD 332001-00-0602 Clamping system for connection of precast concrete members
		ETAG 030-1:2013 Guideline for European Technical Approval of Dowels for Structural Joints - Part 1: General
		ETAG 030-2:2013 Guideline for European Technical Approval of Dowels for Structural Joints - Part 2: Seismic Action
		ETAG 030-3:2013 Guideline for European Technical Approval of Dowels for Structural Joints - Part 3: Cyclic Loading
1998/437/EC Internal and external wall and ceiling finishes	1	EN 14509:2013 Self-supporting double skin metal faced insulating panels - Factory made products - Specifications

Valid from: 24.07.2023

Date of issue: 07.08.2023

Page 7 of 9

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

Annex to the Accreditation Certificate D-ZE-11068-02-00

Decision / Decision of the Commission	System ¹⁾	Technical specification
1999/92/EC Light composite wood-based	1	EAD 130031-00-0304 Metal web beams and columns
1999/454/EC Fire stopping, fire sealing and fire protective products	1	EAD 350402-00-1106 Reactive coatings for fire protection of steel elements
2000/606/EC Six products for European Technical Approvals	1+	EAD 160129-00-0301 Couplers for mechanical splices of reinforcing steel bars
2003/639/EC Shear force dowels for load bearing connections	2+	EAD 050019-00-0301 Dowels for structural joints under static and quasi-static loading
2003/640/EC Kits for exterior wall claddings	2+	EAD 130767-00-0603 ²⁾ Wood-based dowel-type fasteners
2018/771/EG Anchor devices used for construction works and intended to prevent persons from falling from a height or to arrest falls from a height pursuant	1+	EAD 330340-00-0606 Factory made structural anchor for attaching personal fall protection equipment, designed to be permanently and fully bonded to a multi-layered roof waterproofing system
		EAD 331072-00-0601 Anchor devices for fastening personal fall protection systems to concrete structures
		EAD 331846-00-0603 Anchor devices for fastening personal fall protection systems to timber substructures

¹⁾ System for evaluation and verification of constancy of performance

²⁾ Harmonization in preparation

The requirements for a certification body for products and for a certification body for factory production control according to Annex V of the Construction Products Regulation are fulfilled according to article 43 of the Construction Products Regulation. Required tasks which the holder of the certificate cannot perform are described in the list of subcontractors.

Without prior approval by the DAkKS German Accreditation Body, the certification body is permitted to use new revisions of harmonised technical specifications in certification schemes.

Valid from: 24.07.2023

Date of issue: 07.08.2023

Page 8 of 9

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

Annex to the Accreditation Certificate D-ZE-11068-02-00

Abbreviations used:

CUAP	Common Understanding of Assessment Procedure
EAD	European Assessment Document
EC	European Commission
EN	European Standard
ETA	European Technical Approval
ETAG	European Technical Approval Guideline
ICC	International Code
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
ZP	Certification Program of the certification body

Valid from: 24.07.2023

Date of issue: 07.08.2023

Page 9 of 9

This document is a translation. The definitive version is the original German annex to the accreditation certificate.