

Accreditation



The Deutsche Akkreditierungsstelle attests with this **Accreditation Certificate** that the certification body

Karlsruher Institut für Technologie (KIT)
Versuchsanstalt für Stahl, Holz und Steine
Otto Ammann-Platz 1, 76131 Karlsruhe

meets the minimum requirements according to DIN EN ISO/IEC 17065:2013 for the conformity assessment listed in the annex to this certificate. This includes additional existing legal and normative requirements, including those in relevant sectoral schemes.

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 04.04.2022 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 8 pages.

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

Berlin, 04.04.2022

Dipl.-Ing. Evelyn Körner
Head of Technical Unit

Translation issued:
04.04.2022



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).

Deutsche Akkreditierungsstelle GmbH

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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: 04.04.2022

Date of issue: 04.04.2022

Holder of accreditation certificate:

**Karlsruher Institut für Technologie (KIT)
Versuchsanstalt für Stahl, Holz und Steine
Otto Ammann-Platz 1, 76131 Karlsruhe**

The certification body meets the minimal requirements of DIN EN ISO/IEC 17065:2013 and, if applicable, additional legal and normative requirements, including those in relevant sectoral schemes, in order to carry out the conformity assessment activities listed 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.

Certifications of products, processes and services in the fields:

Certification of products, product groups and components from the product areas of wood-based materials, timber construction, chimneys and flues, steel and lightweight construction and their factory production control

Certification of construction products (systems of 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) Certification of products, product groups and components and their factory production control

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>.

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

1. Certification of products, product groups and components and their factory production control

1.1 Timber construction

E DIN EN 14732 2014-08	Timber structures - Structural prefabricated wall, floor and roof elements - Requirements <i>(withdrawn)</i>
CUAP 03.04/06	Solid wood slab element to be used as structural elements in buildings
CUAP 03.04/16	Solid Wood Slab - Element of Dowel Jointed Timber Boards to be Used as a Structural Element in Buildings
CUAP 06.03/05	Annular ringed shank nails and connector screws for use in nailing plates and three-dimensional nailing plates in wood structures
CUAP 06.03/08	Self-tapping screws for use in timber constructions

1.2 Chimneys and flues

CUAP 08.02/19-2	Chimney kit with clay flue line
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1.3 Steel and lightweight construction

E DIN EN 14509-2 2017-10	Double skin metal faced insulating panels - Factory made products - Specifications - Part 2: Structural applications - Fixings and potential uses of stabilization of individual structural elements
E DIN EN 17235 2018-09	Permanent anchor devices and safety hooks
CUAP 06.02/13	Blind rivets for metal members and sheeting
CUAP 06.02/18	Special securing washer for high-strength structural bolting assemblies for preloading under dynamic loads or vibrations
ETA-13/0246	Nord-Lock SC bolt securing washer
ICC AC 464 2017-06	Acceptance criteria for load bearing thermal break assemblies installed between concrete balconies and concrete floors

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2. Certification of construction products (systems of assessment and verification of constancy of performance 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)

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

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Decision of the Commission	System ¹⁾	Technical specification
<p>1995/467/EC 2001/596/EC Chimneys, flues and specific products</p>	2+	<p>EAD 060003-00-0802 Chimney kit with clay/ceramic flue liner and with specific outer wall with classification T400 (minimum) N1 W 3 Gxx</p>
		<p>EAD 060008-00-0802 Chimney kit with clay/ceramic flue liner with classification T400 (minimum) N1/P1 W 3 Gxx and with different outer walls and possible change of outer wal</p>
<p>1997/176/EC 2001/596/EC Structural timber products</p>	1	<p>EN 14080:2013 Timber structures - Glued laminated timber and glued solid timber - Requirements</p>
		<p>EAD 130005-00-0304 Solid wood slab element for use as structural element in buildings</p>
		<p>EAD 130320-00-0304 Glued laminated timber made of solid hardwood</p>
		<p>EAD 130348-00-0304 Laminated segment timber with rectangular cross section made from radially cut logs</p>
		<p>EAD 140022-00-0304 Prefabricated wood-based loadbearing stressed skin panels</p>
	2+	<p>EN 14250:2010 Timber structures - Product requirements for prefabricated structural members assembled with punched metal plate fasteners</p>
		<p>EAD 130002-00-0304 Solid wood slab element – element of dowel jointed timber boards to be used as a structural element in buildings</p>
		<p>EN 14081-1:2005 + A1:2011 Timber structures - Strength graded structural timber with rectangular cross section - Part 1: General requirements</p>
<p>EN 14545:2008 Timber structures - Connectors - Requirements</p>		
<p>1997/462/EC wood-based panels</p>	1 / 2+	<p>EN 13986:2004+A1:2015 Wood-based panels for use in construction - Characteristics, evaluation of conformity and marking</p>

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Decision of the Commission	System ¹⁾	Technical specification
1997/463/EC plastic anchors for use in concrete and masonry	2+	EAD 330387-00-0601²⁾ 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
1997/597/EC Reinforcing and prestressing steel for concrete	1+	EAD 160003-00-0301 Double headed studs for the increase of punching shear resistance of flat slabs or footings and ground slabs
		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 ²⁾ Anchor devices for fastening personal fall protection systems fastened to timber substructures
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
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

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Decision of the Commission	System ¹⁾	Technical specification
<p>1998/214/EC as amended by 2001/596 EC Structural metallic products and ancillaries</p>	2+	<p>EN 1090-1:2009+A1:2011 Execution of steel structures and aluminium structures - Part 1: Requirements for conformity assessment of structural components</p>
		<p>EN 10025-1:2004 Hot rolled products of structural steels - Part 1: General technical delivery conditions</p>
		<p>EN 10088-4:2009 Stainless steels - Part 4: Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for construction purposes</p>
		<p>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</p>
		<p>EN 10210-1:2006 Hot finished structural hollow sections of non-alloy and fine grain steels - Part 1: Technical delivery conditions</p>
		<p>EN 10219-1:2006 Cold formed welded structural hollow sections of non-alloy and fine grain steels - Part 1: Technical delivery conditions</p>
		<p>EN 10340:2007+AC:2008 Steel castings for structural uses</p>
		<p>EN 14399-1:2015 High-strength structural bolting assemblies for preloading - Part 1: General requirements</p>
		<p>EN 15048-1:2007 Non-preloaded structural bolting assemblies - Part 1: General requirements</p>
		<p>1998/214/EC as amended by 2001/596 EC Structural metallic products and ancillaries</p>
<p>EN 10343:2009 Steels for quenching and tempering for construction purposes - Technical delivery conditions</p>		
<p>EAD 200001-00-0602 Prefabricated steel and stainless steel wire ropes with end connectors</p>		
<p>EAD 200002-00-0602 Tension Rod System</p>		

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Decision of the Commission	System ¹⁾	Technical specification
1998/214/EC as amended by 2001/596 EC Structural metallic products and ancillaries	2+	EAD 200006-00-0302²⁾ Cable nets with fastening components
		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 fasteningsn
		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 331565-00-0602²⁾ 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
1999/454/EC fire stopping, fire sealing and fire protective products	1	EAD 350402-00-1106 Reactive coatings for fire protection of steel elements

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Decision of the Commission	System ¹⁾	Technical specification
2003/639/EG 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

¹⁾ System zur Bewertung und Überprüfung der Leistungsbeständigkeit

²⁾ Harmonisierung in Vorbereitung

The requirements 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.

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

Abbreviations used:

CUAP	Common Understanding of Assessment Procedure
EC	European Commission
EN	European standard
ETAG	European Technical Approval Guideline
EAD	European Assessment Document
ETA	European Technical Approval
ICC	International Code

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