

DAkKS | Deutsche Akkreditierungsstelle GmbH
Spittelmarkt 10 | 10117 Berlin

Technische Universität München
Prof. Dr.-Ing. Christoph Gehlen
Herrn Vincent Neidinger
Arcisstraße 21
80333 München

Deutsche
Akkreditierungsstelle GmbH
Standort Berlin

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13.06.2024

AKKREDITIERUNGSBESCHEID

Ihr Antrag auf Änderung Ihrer Akkreditierung
Eingang bei der DAkKS: 17.11.2023

Aktenzeichen:
PL-14063-03 2023 E1

Akkreditierungsnummer: D-PL-14063-03
Erteilt am 17.11.2016

Geschäftsführer:
Dr.-Ing. Stephan Finke

Sehr geehrter Professor Gehlen, sehr geehrter Herr Neidinger

Vorsitzender des Aufsichtsrates:
Bernd Kowalski

zu Ihrem Antrag möchten wir Ihnen folgende Entscheidungen mitteilen:

Sitz: Berlin, AG Berlin-Charlotten-
burg HRB 122846 B
USt-IdNr: DE815123526

- I. Wir ändern Ihre Akkreditierung als Prüflaboratorium nach DIN EN ISO/IEC 17025:2018 wie folgt ab:

Berliner Volksbank
IBAN: DE 52 10090000 8841025009
BIC: BEVODEBBXXX

Der Geltungsbereich Ihrer Akkreditierung ergibt sich ab sofort aus der beiliegenden Akkreditierungsurkunde vom heutigen Tage samt Urkundenanlage. Die bisherige Akkreditierungsurkunde vom 04.04.2023 samt Urkundenanlage wird hierdurch ersetzt.

Standort Berlin
Spittelmarkt 10
10117 Berlin
Tel: 030 670591-0
Fax: 030 670591-15

- II. Ihre bisherige Akkreditierungsurkunde vom 04.04.2023 wird für ungültig erklärt.

Sie sind verpflichtet, die bisherige Akkreditierungsurkunde inkl. der Urkundenanlage innerhalb von zwei Wochen an uns zurückzugeben, nachdem dieser Bescheid unanfechtbar geworden ist.

Standort Braunschweig
Bundesallee 100
38116 Braunschweig
Tel: 0531 592-1901
Fax: 0531 592-1905

- III. Wir gestatten Ihnen, das Akkreditierungssymbol im Rahmen der geänderten Akkreditierung zu verwenden.

Dabei müssen Sie weiterhin die **Regeln für akkreditierte Konformitätsbewertungsstellen zur Verwendung der Akkreditierungsurkunde und des Akkreditierungssymbols der DAkKS** einhalten (Dokument 71 SD 0 011).

Standort Frankfurt
Europa-Allee 52
60327 Frankfurt am Main
Tel: 069 610943-0
Fax: 069 610943-90

www.dakks.de

- IV. Die anderen Regelungen und Nebenbestimmungen des Bescheids vom 17.11.2016, mit dem die Akkreditierung erteilt wurde, bleiben unverändert bestehen.
- V. Sie tragen die Kosten für die Änderung Ihrer Akkreditierung.

BEGRÜNDUNG

Mit Schreiben vom 08.11.2023 haben Sie die Änderung Ihrer Akkreditierung als Prüflaboratorium nach DIN EN ISO/IEC 17025:2018 beantragt. Wir haben Ihren Antrag daraufhin bearbeitet und die erforderlichen Prüfungsschritte eingeleitet.

Im Einzelnen haben Sie folgende Änderungen an Ihrer Akkreditierung beantragt:

- Änderung des Geltungsbereichs der Akkreditierung

Die Begründung zu den einzelnen Regelungen dieses Bescheids finden Sie nachfolgend:

1. Zu Ziffer I. dieses Bescheids:

Aufgrund der Prüfung der von Ihnen eingereichten Unterlagen und Nachweise sowie der Begutachtung vor Ort sind wir zu dem Ergebnis gekommen, dass Sie für die in der anliegenden Akkreditierungsurkunde genannten Bereiche die Anforderungen gemäß Artikel 5 Abs. 1 der Verordnung (EG) Nr. 765/2008 i.V.m. § 2 Abs. 1 AkkStelleG und der DIN EN ISO/IEC 17025:2018 sowie die ggf. ergänzend geltenden Anforderungen erfüllen.

Ihrem Antrag auf Änderung der Akkreditierung entsprechen wir daher gerne.

2. Zu Ziffer II. dieses Bescheids:

Mit der Ihnen mit diesem Bescheid übermittelten Akkreditierungsurkunde wird der aktuelle Umfang Ihrer Akkreditierung dargestellt. Die bisherige Akkreditierungsurkunde ist nicht mehr aktuell. Daher besteht kein Bedürfnis mehr, die bisherige Akkreditierungsurkunde gültig und im Umlauf zu belassen.

Ihre Akkreditierung tragen wir entsprechend in die Datenbank der akkreditierten Konformitätsbewertungsstellen ein.

Die Rückforderung der bisherigen Akkreditierungsurkunde beruht auf § 52 Satz 1 Verwaltungsverfahrensgesetz (VwVfG).

3. Zu Ziffer III. dieses Bescheids:

Aufgrund der erfolgreichen Akkreditierung gestatten wir gerne weiterhin die Verwendung des individuellen Akkreditierungssymbols gemäß § 6 AkkStelleG i.V.m. §§ 1 und 4 der Verordnung zur Gestaltung und Verwendung des Akkreditierungssymbols der Akkreditierungsstelle (SymbolVO) im Rahmen der geänderten Akkreditierung. Im Rahmen dieser Ermessensentscheidung legen wir fest, dass Sie bei der Verwendung des Akkreditierungssymbols die Vorgaben aus unserem genannten Regeldokument einhalten müssen.

4. Zu Ziffer IV. dieses Bescheids:

Mit diesem Hinweis wird klargestellt, dass alle weiteren bisherigen Regelungen und Nebenbestimmungen, die mit der Erteilung der Akkreditierung verbunden waren, von dieser Änderung der Akkreditierung nicht berührt werden und weiterhin gelten.

5. Zu Ziffer V. dieses Bescheids:

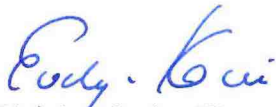
Gemäß § 1 der Gebührenverordnung der Akkreditierungsstelle ist die mit diesem Bescheid erbrachte individuell zurechenbare öffentliche Leistung kostenpflichtig. Die Kosten sind von Ihnen als Gebührenschuldner gemäß § 6 Bundesgebührengesetz zu zahlen, weil Sie die Leistung beantragt haben.

Einen Gebührenbescheid, aus dem sich die genaue Höhe der Gebühren und Auslagen ergibt, übersenden wir Ihnen gesondert.

RECHTSBEHELFSBELEHRUNG

Gegen diesen Bescheid kann innerhalb eines Monats nach Bekanntgabe Widerspruch erhoben werden. Der Widerspruch ist bei der Deutschen Akkreditierungsstelle GmbH, Spittelmarkt 10, 10117 Berlin zu erheben.

Mit freundlichen Grüßen
Im Auftrag



Dipl.-Ing. Evelyn Körner
Fachbereichsleitung
Bauwesen und Bauprodukte | Brandschutz | Bergbau (FB 1.3)
Abteilung 1

Anlagen:

Akkreditierungsurkunde Nr. D-PL-14063-03-00 mit Anlage (Beschreibung des Akkreditierungsumfanges)

Zur Information:

Der aktuelle Akkreditierungszyklus hat mit der Akkreditierungsentscheidung am 18.06.2021 begonnen und endet spätestens zum 17.06.2026. Die Wiederholungsbegutachtung ist daher im Juni 2025 vorgesehen, um eine rechtzeitige Akkreditierungsentscheidung und damit den Bestand der Akkreditierung zu gewährleisten.

Accreditation



The Deutsche Akkreditierungsstelle attests with this **Accreditation Certificate** that the testing laboratory

Technische Universität München
Arcisstraße 21, 80333 München

meets the requirements according to DIN EN ISO/IEC 17025:2018 for the conformity assessment activities listed in the annex to this certificate. This includes additional existing legal and normative requirements for the testing laboratory, 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 17025 are written in the language relevant to the operations of testing laboratories and they conform to 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 13.06.2024 with accreditation number D-PL-14063-03.

It consists of this cover sheet, the reverse side of the cover sheet and the following annex with a total of 11 pages.

Registration number of the accreditation certificate: **D-PL-14063-03-00**

Berlin, 13.06.2024

Dipl.-Ing. Evelyn Körner
Head of Technical Unit

Translation issued:
13.06.2024


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

Deutsche Akkreditierungsstelle GmbH

Office Berlin
Spittelmarkt 10
10117 Berlin

Office Frankfurt am Main
Europa-Allee 52
60327 Frankfurt am Main

Office Braunschweig
Bundesallee 100
38116 Braunschweig

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-PL-14063-03-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 13.06.2024

Date of issue: 13.06.2024

Holder of accreditation certificate:

**Technische Universität München
Arcisstraße 21, 80333 München**

with the locations

**Technische Universität München
Materialprüfungsamt für das Bauwesen
Theresienstraße 90, 80333 München**

**Technische Universität München
Materialprüfungsamt für das Bauwesen
Franz-Langinger-Straße 10, 81245 München**

The testing laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The testing laboratory 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 17025 are written in the language relevant to the operations of testing laboratories and they conform to the principles of DIN EN ISO 9001.

Tests in the fields:

**Mechanical-technological investigations of steels (reinforcing steel, pre-stressing steel);
Determination of the geometry, strength and deformation characteristics, fatigue behaviour,
corrosion resistance, relaxation behaviour, bonding behaviour and welding suitability, as well as**

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

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investigations of special questions relating to reinforcing steel, pre-stressing steel and reinforcing steel connecting elements, tendons, cable stays;

Mechanical-technological and physical testing of fresh and hardened concrete, cellular and lightweight aggregate concrete, steel fibre concrete, gunned concrete and concrete in buildings;

Testing of adhesive materials for wood construction elements for the building products: timber, glued solid wood materials (glued laminated timber, glued solid timber, cross-laminated timber, finger jointed solid wood), wooden materials, pre-fabricated glued and mechanically joined wooden and wood-based material panels, trussed girders, composite components, load-bearing floorings; of construction kits: construction kits for wood frame construction, modular design;

The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkKS, to use standards or equivalent testing methods listed here with different issue dates.

The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

The testing methods are identified with the symbols below, according to the sites where the testing was performed:

P = Pasing, Franz-Langinger-Str. 10, 81245 München

S = Stammgelände (Main site), Theresienstraße 90, 80333 München

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1 Mechanical-technological investigations of steels (reinforcing steel, pre-stressing steel), tendons, cables and fibre-reinforced plastics

ISO 15835-2 2018-10	Steels for the reinforcement of concrete - Reinforcement couplers for mechanical splices of bars - Part 2: Test methods	P,S
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DIN ISO 7801 2008-10	Metallic Materials - Wire - Reverse bend test	P
DIN EN ISO 6506-1 2015-02	Metallic materials - Brinell hardness test - Part 1: Test method	S
DIN EN ISO 6507-1 2018-07	Metallic materials - Vickers hardness test - Part 1: Test method	S
DIN EN ISO 6508-1 2016-12	Metallic materials - Rockwell hardness test - Part 1: Test method	S
DIN EN ISO 6892-1 2020-06	Metallic materials - Tensile testing - Part 1: Method of test at room temperature (only Annex B in Pasing)	P, S
DIN EN ISO 15630-1 2019-05	Steel for the reinforcement and prestressing of concrete - Test methods - Part 1: Reinforcing bars, rods and wire All test procedures Section 5 Tensile test Section 8 Axial fatigue test	P S S
DIN EN ISO 15630-2 2019-05	Steel for the reinforcement and prestressing of concrete - Test methods - Part 2: Welded fabric and lattice girders	P
DIN EN ISO 15630-3 2020-02	Steel for the reinforcement and prestressing of concrete - Test methods - Part 3: Prestressing steel All test procedures Section 5 Tensile test Section 10 Axial fatigue test	P S S
DIN EN 124-1 2015-09	Gully tops and manhole tops for vehicular and pedestrian areas - Part 1: Definitions, classification, general principles of design, performance requirements and test methods	S
DIN EN 124-2 2015-09	Gully tops and manhole tops for vehicular and pedestrian areas - Part 2: Gully tops and manhole tops made of cast iron	S

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EAD 160004-00-0301 2016-09	Post-tensioning systems for prestressing of structures; Annex C.2.1 Static load test Annex C.2.2 Cryogenic static load test – single tensile element Annex C.2.3 Cryogenic static load test – Multiple tensile elements/ anchorage/ coupling assembly test Annex C.3.1 Fatigue test – Mechanical Annex C.3.2 Fatigue test – Bond Anchorage Annex C.4.1 Load transfer test – Mechanical Annex C.4.2 Load transfer test – Bond Anchorage Annex C.5.1 Deviator static load test Annex C.5.2 Deviated tendon test Annex C.6.1 Assembly / stressing test Annex C.6.2 Duct filling test Annex C.7 Single tensile element test for the verification of constancy of performance Chapter 2.2.32 Impact resistance test Chapter 2.2.33 Friction test Chapter 2.2.34 Leak tightness test	S
Fib Bulletin 75 2014-12	Polymer-duct systems for internal bonded post-tensioning Annex B1 Dichtigkeitstest an der Kombination Ankerkörper-Hüllrohr Annex B2 Prüfung des elektrischen Widerstandes des Hüllrohrsystems Annex B3 Prüfung des elektrischen Widerstandes an der Kombination Ankerkörper-Hüllrohr Annex B5 Dichtigkeitstest am Hüllrohr-System	S
FIB CEB-FIB 2019-03	FIB CEB-FIB 89 Acceptance of stay cable systems using prestressing steels Section 6.2.3 Anchorage leak tightness testing	S
Setra – Cable Stays 2002-06	Setra – Cable Stays – Recommendations of French Interministerial Commission on Prestressing Section 11.3 Qualification of Cable-Stay water tightness	S
ASTM A 370-21 2021-12	Standard Test Methods and Definitions for Mechanical Testing of Steel - Tension Test at Round Specimens	P
ASTM A 416/A 416M-18 2019-01	Standard Specification for Steel Strand - Uncoated Seven-Wire for Prestressed Concrete	P

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ASTM A 1032-15 (2019) 2019-11	Standard Test Method for Hydrogen Embrittlement Resistance for Steel Wire hard Drawn Used for Prestressing Concrete Pipe	P
ASTM E 328-21 2021-02	Standard Test Methods for Stress Relaxation for Materials and structures - A: Method for Conducting Stress Relaxation Tension Tests	P

2 Mechanical-technological and physical testing of fresh and hardened concrete, cellular and lightweight aggregate concrete, steel fibre concrete, gunned concrete and concrete in buildings

DIN EN 12350-1 2019-09	Testing fresh concrete - Part 1: Sampling and common apparatus	P
DIN EN 12350-5 2019-09	Testing fresh concrete - Part 5: Flow table test	P
DIN EN 12350-6 2019-09	Testing fresh concrete - Part 6: Density	P
DIN EN 12350-7 2022-05	Testing fresh concrete - Part 7: Air content - Pressure methods (only pressure equalization methods)	P
DIN EN 12390-2 2019-10	Testing hardened concrete - Part 2: Making and curing specimens for strength tests	P
DIN EN 12390-3 2019-10	Testing hardened concrete - Part 3: Compressive strength of test specimens	P
DIN EN 12390-8 2019-10	Testing hardened concrete - Part 8: Depth of penetration of water under pressure	P
DIN EN 12390-13 2021-09	Testing hardened concrete - Part 13: Determination of secant modulus of elasticity in compression	P
ÖBV Guideline 2015-04	ÖBV-Erhöhter baulicher Brandschutz mit Beton für unterirdische Verkehrsbauwerke Anhang A4 – Bestimmung des PP-Fasergehaltes im Frisch- und Festbeton	P

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3 Testing of building products for timber construction, including adhesive materials for load-bearing timber structures

3.1 Adhesive materials for timber structures

DIN EN 301 2023 05	Adhesives, phenolic and aminoplastic, for load-bearing timber structures - Classification and performance requirements	S
DIN EN 302-1 2023 05	Adhesives for load-bearing timber structures - Test methods - Part 1: Determination of longitudinal tensile shear strength	S
DIN EN 302-2 2023 05	Adhesives for load-bearing timber structures - Test methods - Part 2: Determination of resistance to delamination	S
DIN EN 302-3 2023 05	Adhesives for load-bearing timber structures - Test methods - Part 3: Determination of the effect of acid damage to wood fibres by temperature and humidity cycling on the transverse tensile strength	S
DIN EN 302-4 2023 05	Adhesives for load-bearing timber structures - Test methods - Part 4: Determination of the effects of wood shrinkage on the shear strength	S
DIN EN 302-6 2023 05	Adhesives for load-bearing timber structures - Test methods - Part 6: Determination of the minimum pressing time under referenced	S
DIN EN 302-7 2023 05	Adhesives for load-bearing timber structures - Test methods - Part 7: Determination of the working life under referenced conditions	S
DIN EN 302-8 2023 07	Adhesives for load-bearing timber structures - Test methods - Part 8: Static load test of multiple bond line specimens in compression shear	S
DIN EN 391 2002-04	Glued laminated timber - Delamination test of glue lines (<i>withdrawn standard</i>)	S
DIN EN 1245 2011-07	Adhesives - Determination of pH	S

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DIN EN 12092 2002-02	Adhesives - Determination of viscosity only 6.2 Rotational viscometer	S
DIN EN 15416-1 2017-05	Adhesives for load bearing timber structures other than phenolic and aminoplastic - Test methods - Part 1: Long-term tension load test perpendicular to the bond line at varying climate conditions with specimens perpendicular to the glue line (Glass house test)	S
DIN EN 15416-3 2019-06	Adhesives for load bearing timber structures other than phenolic and aminoplastic - Test methods - Part 3: Creep deformation test at cyclic climate conditions with specimens loaded in bending shear	S
DIN EN 15416-4 2017-05	Adhesives for load bearing timber structures other than phenolic and aminoplastic - Test methods - Part 4: Determination of open assembly time under referenced conditions	S
DIN EN 15416-5 2017-05	Adhesives for load bearing timber structures other than phenolic and aminoplastic - Test methods - Part 5: Determination of minimum pressing time under referenced conditions	S
DIN EN 15425 2023-05	Adhesives - One component polyurethane (PUR) for load-bearing timber structures - Classification and performance requirements	S
DIN EN 16254 2023-05	Adhesives - Emulsion polymerized isocyanate (EPI) for load-bearing timber structures - Classification and performance requirements	S
DIN EN 17224 2019-09	Determination of compressive shear strength of wood adhesives at elevated temperatures	S
DIN EN 17334 2021-06	Glued-in rods in glued structural timber products - Testing, requirements and bond shear strength classification	S
DIN 68141 2016-12	Wood adhesives - Determination of the open drying time and evaluation of wetting and brushability	S

3.2 Structural timber, glued solid wood materials

DIN EN 384 2022-08	Structural timber - Determination of characteristic values of mechanical properties and density	S
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DIN EN 385 2007-11	Finger jointed structural timber - Performance requirements and minimum production requirements <i>(withdrawn standard)</i>	S
DIN EN 386 2002-04	Glued laminated timber - Performance requirements and minimum production requirements <i>(withdrawn standard)</i>	S
DIN EN 387 2002-04	Glued laminated timber - Large finger joints - Performance requirements and minimum production requirements <i>(withdrawn standard)</i>	S
DIN EN 392 1996-04	Glued laminated timber - Shear test glue lines <i>(withdrawn standard)</i>	S
DIN EN 408 2012-10	Timber structures - Structural timber and glued laminated timber - Determination of some physical and mechanical properties	S
DIN EN 1194 1999-05	Timber structures - Glued laminated timber - Strength classes and determination of characteristic values <i>(withdrawn standard)</i>	S
DIN EN 13183-1 2002-07 Corrigendum1 2003-12	Moisture content of a piece of sawn timber - Part 1: Determination by oven dry method	S
DIN EN 13183-2 2002-07 Corrigendum 1 2003-12	Moisture content of a piece of sawn timber - Part 2: Estimation by electrical resistance method	S
DIN EN 14080 2005-09	Timber structures - Glued laminated timber - Requirements Annex A Determination of characteristic values (5-percentile) on the basis of test results and assumption criteria for samples Annex C Requirements for moisture cross-linked single component polyurethane adhesives for the production of glued laminated timber with glue joints having a maximum thickness of 0.5 mm and the corresponding test methods Annex D Determination of the performance	S

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characteristics of adhesives
(*withdrawn standard*)

DIN EN 14080 2013-09	<p>Timber structures - Glued laminated timber and glued solid timber - Requirements</p> <p>Annex B.2 Sustained loading test with cyclic climatic conditions on test specimens normal to the glue joint for single component polyurethane adhesives and emulsion-polymer isocyanate adhesives</p> <p>Annex B.3 Delamination test of finger jointing in slats</p> <p>Annex C Delamination test of glue joints</p> <p>Annex D Glue joint shear testing</p> <p>Annex E Testing of laminates with or without finger jointing (including compliance criteria)</p> <p>Annex F Bending tests for glued laminated timber, glued solid timber and glued laminated timber with large finger joints (including compliance criteria)</p> <p>Annex G Measurement of moisture</p>	S
DIN EN 16351 2021-06	<p>Timber structures - Cross laminated timber - Requirements</p> <p>Annex A (normative): Delamination test of glue lines between layers</p> <p>Annex B (normative): Tests with laminations with or without finger joints</p> <p>Annex C (normative): Determination of strength, stiffness and density properties of cross laminated timber</p> <p>Annex D (normative): Measurement of moisture content</p> <p>Annex G (normative): Shear tests</p> <p>Annex H (normative): Zusätzliche Prüfverfahren und Anforderungen für Klebstoffe der Unterklasse FJ zur Verwendung bei Schmalseitenverklebungen für tragende Zwecke</p>	S

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3.3 Wooden materials

DIN EN 314-1 2005-03	Plywood - Bonding quality - Part 1: Test methods	S
DIN EN 314-2 1993-08	Plywood; bonding quality; part 2: requirements	S
DIN EN 322 1993-08	Wood-based panel - Determination of moisture content	S
DIN EN 789 2005-01	Timber structures - Test methods - Determination of mechanical properties of wood based panels	S
DIN EN 14374 2016-07	Timber structures - Structural laminated veneer lumber - Requirements Annex B: Method for testing the bonding quality	S

3.4 Other

DIN EN 380 1993-10	Timber structures - Test methods: General principles for static load testing	S
DIN EN 594 2011-09	Timber structures - Test methods - Racking strength and stiffness of timber frame wall panels	S
DIN EN 596 1996-07	Timber structures - Test methods - Soft body impact test of timber framed walls	S
DIN EN 14358 2007-03	Timber structures - Calculation of characteristic 5-percentile values and acceptance criteria for a sample	S
DIN EN 14358 2016-11	Timber structures - Calculation and verification of characteristic values	S
EOTA Technical Report 001 2003-02	Determination of impact resistance of panels and panel assemblies	S
EOTA Technical Report 002 2000-10	Test methods for light composite wood-based beams and columns	S

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Abbreviations used:

ASTM	American Society for Testing and Materials
CEB	Comité Euro-International du Béton (European-International Concrete Committee)
DIN	Deutsches Institut für Normung e. V. (German Standards Institute)
EAD	European Assessment Document
EN	Europäische Norm (European standard)
EOTA	European Organization for Technical Approvals
FIB	fédération internationale du béton (International Concrete Federation)
ISO	International Organization for Standardization
ÖBV	Österreichische Bautechnik Vereinigung (Austrian Construction Engineering Association)
Setra	Service d'études sur les transports, les routes et leurs aménagements (Department of studies on transport, roads and their development)

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