

## DIN EN 131-2



ICS 97.145

Supersedes  
DIN EN 131-2:2012-08;  
supersedes  
DIN CEN/TS 16665  
(DIN SPEC 3191):2014-07

**Ladders –  
Part 2: Requirements, testing, marking;  
English version EN 131-2:2010+A2:2017,  
English translation of DIN EN 131-2:2017-04**

Leitern –  
Teil 2: Anforderungen, Prüfung, Kennzeichnung;  
Englische Fassung EN 131-2:2010+A2:2017,  
Englische Übersetzung von DIN EN 131-2:2017-04

Échelles –  
Partie 2: Exigences, essais, marquage;  
Version anglaise EN 131-2:2010+A2:2017,  
Traduction anglaise de DIN EN 131-2:2017-04

Document comprises 62 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

*A comma is used as the decimal marker.*

## **National foreword**

This standard includes safety requirements within the meaning of the *Produktsicherheitsgesetz* (ProdSG) (German Product Safety Act).

This document (EN 131-2:2010+A2:2017) has been prepared by Technical Committee CEN/TC 93 “Ladders” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was *DIN-Normenausschuss Holzwirtschaft und Möbel* (DIN Standards Committee Timber and Furniture), Working Committee NA 042-04-20 AA “Mirror committee for CEN/TC 93 ladders”.

Where this standard has been identified by the *Ausschuss für Produktsicherheit* (German Committee for Product Safety) and reference to it has been published in the *Gemeinsames Ministerialblatt* (German Joint Ministerial Gazette) by the *Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (BAuA)* (German Federal Institute for Occupational Safety and Health), it is to be presumed that ladders which comply with this standard fulfil the relevant health and safety requirements.

This standard includes Amendment A1 approved by CEN on 16 April 2012 and Amendment A2 approved by CEN on 17 September 2016.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** and **A2**.

## **Amendments**

This standard differs from DIN EN 131-2:2012-08 and DIN CEN/TS 16665 (DIN SPEC 3191):2014-07 as follows:

- a) the Foreword has been amended;
- b) Clause 1 “Scope” has been amended;
- c) Clause 2 “Normative references” has been amended;
- d) Subclause 3 “Terms and definitions” has been amended;
- e) Subclause 4.1 “General” has been amended;
- f) Subclause 4.9 “Ladder feet and anti-skid devices” has been amended;
- g) Subclause 5.2 “Strength test for all ladders” has been amended;
- h) Subclause 5.5 “Bottom stile ends test” has been amended;
- i) Subclause 5.12.2 “Side handrail” has been amended;
- j) Subclause 5.15 “Torsion test for standing ladders” has been amended;

- k) Subclause 5.16.1.6 “Acceptance criteria” has been amended;
- l) Subclause 5.16.2.2 “Specimen testing” has been amended;
- m) Subclause 5.17 “Durability test for standing ladders” on the basis of DIN CEN/TS 16665 has been included;
- n) Subclause 5.18 “Base slip test for leaning ladders” has been included;
- o) Subclause 5.19 “Strength test for lateral type stabilizers on leaning ladders which are in the plane of the ladder” has been included;
- p) Subclause 5.20 “Strength test for pole type stabilizers on leaning ladders which are not in the plane of the ladder” has been included;
- q) Subclause 5.21 “Torsion test for leaning ladders” has been included;
- r) Clause 6 “Marking and user instructions” has been amended;
- s) Annex A (normative) “Test sequence” has been amended;
- t) the Bibliography has been amended;
- u) the content of DIN CEN/TS 16665 regarding standing ladder durability test specification has been included;
- v) the standard has been editorially revised and brought in line with the current rules of presentation.

### **Previous editions**

DIN RAL 429B2: 1933-11, 1938-06  
DIN RAL 429G: 1941-01  
DIN 4565: 1954xx-04  
DIN 4565-1: 1969-02, 1971-03, 1977-10  
DIN 4565-2: 1969-02, 1971-03  
DIN 4565-3: 1969-02, 1971-03  
DIN 4566: 1963x-03  
DIN 4567: 1978-05  
DIN 4568-2: 1985-11, 1988-11  
DIN EN 131-2: 1993-04, 2010-10, 2012-08  
DIN CEN/TS 16665 (DIN SPEC 3191): 2014-07

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English Version

## Ladders - Part 2: Requirements, testing, marking

Échelles - Partie 2: Exigences, essais, marquage

Leitern - Teil 2: Anforderungen, Prüfung,  
Kennzeichnung

This European Standard was approved by CEN on 16 April 2012 and includes Amendment 2 approved by CEN on 17 September 2016.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## European foreword

This document (EN 131-2:2010+A2:2017) has been prepared by Technical Committee CEN/TC 93 “Ladders”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by July 2017 and conflicting national standards shall be withdrawn at the latest by December 2017.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes A2 EN 131-2:2010+A1:2012 and CEN/TS 16665:2014 A2.

This document includes Amendment 1, approved by CEN on 2012-04-16 and Amendment 2 approved by CEN on 2016-09-17.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1 and A2 A2.

A2 *deleted text* A2

This European Standard is one of a series about ladders. The other standards of this series are listed in Clause 2 and in the Bibliography.

A2 Classification is determined in the strength test for all ladders and additionally in the durability test for standing ladders.

A test protocol is being considered for an alternative base slip test on behalf of an expert group of the GPSD committee. A2

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.