

BSI Standards Publication

Ladders

Part 2: Requirements, testing, marking



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National foreword

This British Standard is the UK implementation of EN 131-2:2010+A2:2017. It supersedes BS EN 131-2:2010+A1:2012, which is withdrawn. Together with BS EN 131-1:2015, it partially supersedes BS 1129:1990 and BS 2037:1994, specifically the requirements regarding ladders, which are withdrawn. The provisions regarding trestles and lightweight stagings will remain current until the revision of BS 1129:1990 and BS 2037:1994.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by A1.

The UK participation in its preparation was entrusted to Technical Committee B/512, Ladders.

A list of organizations represented on this committee can be obtained on request to its secretary.

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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.

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Contents Page Introduction _____4 1 3 4 Requirements......7 4.1 General 7 Materials......7 4.2 4.3 4.4 4.5 Opening restraints 13 4.6 4.7 4.8 Platform ______14 | August | Ladder feet and anti-skid devices | Ladder feet anti-skid d 4.9 4.10 Extending and sectional ladders...... 15 5 5.1 5.2 5.3 5.4 5.5 Vertical load on rungs, steps and platforms......21 5.6 Torsion test of rungs and steps 22 5.7 5.8 Test for ladder rung/step hooks of extending ladders and combination ladders24 5.9 5.10 5.11 5.12 5.13 5.14 5.15 5.16 6 Certification...... 51

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of an identical text or by endorsement, at the latest by July 2017 and conflicting national standards shall be withdrawn at the latest by December 2017.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 \triangle EN 131-2:2010+A1:2012 and CEN/TS 16665:2014 \triangle .

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 $\boxed{\mathbb{A}}$ $\boxed{\mathbb{A}}$ $\boxed{\mathbb{A}}$ $\boxed{\mathbb{A}}$

 A_2 deleted text A_2

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.

(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. (42)

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.

Introduction

Due to the unhomogeneity of the material wood, special requirements have been appropriated on this item.

1 Scope

This European Standard specifies the general design features, requirements and test methods for portable ladders.

It does not apply to step stools or ladders for specific professional use such as firebrigade ladders, roof ladders and mobile ladders.

It does not apply to ladders used for work on or near live electrical systems or installations. For this purpose EN 61478 applies.



NOTE For insulating ladders for use on or near low voltage electrical installations EN 50528 applies.

This European Standard is intended to be used in conjunction with EN 131-1.

For single or multiple hinge joint ladders EN 131-4 applies.

A For telescopic ladders EN 131-6 applies.

For mobile ladders with a platform EN 131-7 applies. (A2)

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 59, Glass reinforced plastics — Measurement of hardness by means of a Barcol impressor

№ EN 131-1:2015 🔄 Ladders — Part 1: Terms, types, functional sizes

EN 131-3, Ladders — Part 3: User Instructions

EN 204, Classification of thermoplastic wood adhesives for non-structural applications

EN 301, Adhesives, phenolic and aminoplastic, for load-bearing timber structures — Classification and performance requirements

EN 385, Finger jointed structural timber — Performance requirements and minimum production requirements

EN 386:2001, Glued laminated timber — Performance requirements and minimum production requirements

EN 391:2001, Glued laminated timber — Delamination test of glue lines

EN 392, Glued laminated timber — Shear test of glue lines

EN 408, Timber structures — Structural timber and glued laminated timber — Determination of some physical and mechanical properties

A EN 572-2, Glass in building — Basic soda lime silicate glass products — Part 2: Float glass

EN 844-9:1997, Round and sawn timber — Terminology — Part 9: Terms relating to features of sawn timber