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BSI Standards Publication

Ladders

Part 1: Terms, types, functional sizes

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National foreword

This British Standard is the UK implementation of EN 131-1:2015. It supersedes BS EN 131-1:2007+A1:2011, which is withdrawn. Together with BS EN 131-2:2010+A2:2017 it partially supersedes BS 1129:1990 and BS 2037:1994, specifically the requirements regarding ladders, which are withdrawn.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 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.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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EUROPÄISCHE NORM

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English Version

Ladders - Part 1: Terms, types, functional sizes

Échelles - Partie 1: Terminologie, types, dimensions
fonctionnelles

Leitern - Teil 1: Benennungen, Bauarten,
Funktionsmaße

This European Standard was approved by CEN on 11 September 2015.

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.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 131-1:2015) 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 May 2016, and conflicting national standards shall be withdrawn at the latest by November 2016.

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 EN 131-1:2007+A1:2011.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

Compared to EN 131-1:2007+A1:2011, the following modifications have been made in order to improve the stability of ladders in use:

- a) in figures stabilizers or wider base width for leaning ladders were introduced;
- b) further terms 3.48, 3.49 and 3.50 for stabilizers were added in Clause 3;
- c) requirements for minimum base width for leaning ladders were specified in 4.2.1, Table 2 and Table 6.

EN 131, *Ladders*, is one of a series about ladders:

- *Part 1: Terms, types, functional sizes* [the present document];
- *Part 2: Requirements, testing, marking*;
- *Part 3: User Instructions*;
- *Part 4: Single or multiple hinge-joint ladders*;
- *Part 6: Telescopic ladders*;
- *Part 7: Mobile ladders with platform*.

The standards of this series are listed in Clause 2 and in the Bibliography.

According to the CEN/CENELEC Internal Regulations, the national standards organizations 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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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1 Scope

This European Standard defines terms and specifies the general design characteristics of ladders.

It applies to portable ladders.

It does not apply to ladders designed for specific professional use such as fire brigade ladders, roof ladders and mobile ladders.

NOTE 1 For multiple hinge joint ladders EN 131-4 applies.

NOTE 2 For telescopic ladders EN 131-6 applies.

NOTE 3 For mobile ladders with platforms EN 131-7 applies.

NOTE 4 This standard does not apply to step stools for which EN 14183 applies.

2 Normative references

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

EN 131-2, *Ladders — Part 2: Requirements, testing, marking*

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

EN 131-4:2007, *Ladders — Part 4: Single or multiple hinge-joint ladders*

3 Terms and definitions

For the purpose of this document, the terms and definitions given in EN 131-4:2007 for single or multiple hinge-joint ladders and the following apply.